

## Vehicle Speed Report Summary

**Location:** Whitemore Rd, Between Old 44 Dr & Fern Rd East

**Count Direction:** Eastbound / Westbound

**Date Range:** 2/27/2019 to 2/28/2019

**Site Code:** 209 - V26501

|                    | Speed Range (mph) |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |      | Total  |
|--------------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|--------|
|                    | 0 - 10            | 10 - 15 | 15 - 20 | 20 - 25 | 25 - 30 | 30 - 35 | 35 - 40 | 40 - 45 | 45 - 50 | 50 - 55 | 55 - 60 | 60 - 65 | 65 - 70 | 70 - 75 | 75 - 80 | 80 - 85 | 85 + | Volume |
| <b>Study Total</b> |                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |      |        |
| <b>Eastbound</b>   | 0                 | 0       | 0       | 1       | 0       | 3       | 0       | 6       | 25      | 102     | 259     | 267     | 169     | 60      | 18      | 6       | 3    | 919    |
| <b>Percent</b>     | 0.0%              | 0.0%    | 0.0%    | 0.1%    | 0.0%    | 0.3%    | 0.0%    | 0.7%    | 2.7%    | 11.1%   | 28.2%   | 29.1%   | 18.4%   | 6.5%    | 2.0%    | 0.7%    | 0.3% | 100%   |
| <b>Westbound</b>   | 0                 | 0       | 0       | 0       | 1       | 1       | 0       | 2       | 19      | 104     | 232     | 277     | 179     | 78      | 20      | 7       | 5    | 925    |
| <b>Percent</b>     | 0.0%              | 0.0%    | 0.0%    | 0.0%    | 0.1%    | 0.1%    | 0.0%    | 0.2%    | 2.1%    | 11.2%   | 25.1%   | 29.9%   | 19.4%   | 8.4%    | 2.2%    | 0.8%    | 0.5% | 100%   |
| <b>Total</b>       | 0                 | 0       | 0       | 1       | 1       | 4       | 0       | 8       | 44      | 206     | 491     | 544     | 348     | 138     | 38      | 13      | 8    | 1,844  |
| <b>Percent</b>     | 0.0%              | 0.0%    | 0.0%    | 0.1%    | 0.1%    | 0.2%    | 0.0%    | 0.4%    | 2.4%    | 11.2%   | 26.6%   | 29.5%   | 18.9%   | 7.5%    | 2.1%    | 0.7%    | 0.4% | 100%   |

| Total Study Percentile Speed Summary |      |     |  | Total Study Speed Statistics |             |     |  |
|--------------------------------------|------|-----|--|------------------------------|-------------|-----|--|
| <b>Eastbound</b>                     |      |     |  | <b>Eastbound</b>             |             |     |  |
| 50th Percentile (Median)             | 60.8 | mph |  | Mean (Average) Speed         | 61.4        | mph |  |
| 85th Percentile                      | 67.7 | mph |  | 10 mph Pace                  | 55.6 - 65.6 | mph |  |
| 95th Percentile                      | 73.3 | mph |  | Percent in Pace              | 58.3        | %   |  |
| <b>Westbound</b>                     |      |     |  | <b>Westbound</b>             |             |     |  |
| 50th Percentile (Median)             | 61.5 | mph |  | Mean (Average) Speed         | 62.1        | mph |  |
| 85th Percentile                      | 68.8 | mph |  | 10 mph Pace                  | 55.8 - 65.8 | mph |  |
| 95th Percentile                      | 73.1 | mph |  | Percent in Pace              | 56.3        | %   |  |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
**Date Range:** 2/27/2019 to 2/28/2019  
**Site Code:** 209 - V26501



**Wednesday, February 27, 2019**  
**Eastbound**

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |              |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55      | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 3            | 0            | 0           | 0           | 0           | 0           | 3            |
| 1:00 AM        | 0                 | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0            | 2            | 2            | 0            | 0           | 0           | 0           | 0           | 5            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 1            | 1            | 0           | 0           | 0           | 0           | 2            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 2            | 0            | 0           | 0           | 0           | 0           | 3            |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 2            | 2            | 0            | 0            | 0           | 0           | 0           | 0           | 5            |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 14           | 3            | 2            | 0           | 0           | 0           | 0           | 21           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3           | 2            | 6            | 4            | 2            | 3           | 0           | 0           | 0           | 20           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1            | 1            | 5            | 3            | 2           | 0           | 0           | 0           | 13           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5            | 5            | 4            | 3            | 0           | 0           | 0           | 0           | 17           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 6            | 8            | 3            | 5            | 2           | 0           | 0           | 0           | 25           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 2            | 7            | 2            | 5            | 1           | 0           | 1           | 0           | 19           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5            | 10           | 13           | 0            | 4           | 0           | 0           | 0           | 32           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 6            | 9            | 17           | 7            | 2           | 1           | 0           | 1           | 44           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 5            | 11           | 18           | 7            | 4           | 3           | 0           | 0           | 50           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 18           | 16           | 13           | 3           | 2           | 2           | 0           | 56           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3           | 6            | 10           | 15           | 4            | 2           | 1           | 0           | 0           | 41           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 5            | 3            | 11           | 0           | 1           | 0           | 0           | 24           |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 5            | 4            | 7            | 5            | 2           | 0           | 1           | 0           | 26           |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 6            | 3            | 1            | 0           | 0           | 1           | 0           | 13           |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 4            | 2            | 3            | 0           | 0           | 0           | 0           | 10           |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 4            | 4            | 0            | 0           | 0           | 0           | 0           | 8            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>1</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>2</b>    | <b>14</b>   | <b>55</b>    | <b>127</b>   | <b>127</b>   | <b>72</b>    | <b>25</b>   | <b>8</b>    | <b>5</b>    | <b>1</b>    | <b>437</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.2%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.5%</b> | <b>3.2%</b> | <b>12.6%</b> | <b>29.1%</b> | <b>29.1%</b> | <b>16.5%</b> | <b>5.7%</b> | <b>1.8%</b> | <b>1.1%</b> | <b>0.2%</b> |              |

| Daily Percentile Speed Summary |      |     | Speed Statistics     |                 |
|--------------------------------|------|-----|----------------------|-----------------|
| 50th Percentile (Median)       | 60.4 | mph | Mean (Average) Speed | 61.1 mph        |
| 85th Percentile                | 67.5 | mph | 10 mph Pace          | 55.6 - 65.6 mph |
| 95th Percentile                | 73.1 | mph | Percent in Pace      | 59.7 %          |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
**Date Range:** 2/27/2019 to 2/28/2019  
**Site Code:** 209 - V26501

Wednesday, February 27, 2019

Westbound

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |              |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55      | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0            | 0            | 1            | 1            | 0           | 0           | 0           | 0           | 3            |
| 1:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0            | 1            | 0            | 0            | 0           | 0           | 0           | 0           | 2            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 2            | 0            | 0            | 0           | 0           | 0           | 0           | 3            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1            | 1            | 0            | 2            | 0           | 0           | 0           | 0           | 5            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 2            | 3            | 1            | 2            | 1           | 0           | 0           | 0           | 10           |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 7            | 7            | 11           | 3           | 0           | 0           | 0           | 29           |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5            | 14           | 23           | 15           | 8           | 0           | 1           | 0           | 67           |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 14           | 18           | 14           | 5           | 3           | 0           | 0           | 56           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 4            | 14           | 11           | 2            | 1           | 0           | 0           | 1           | 35           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5            | 12           | 8            | 7            | 6           | 0           | 0           | 0           | 38           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 2           | 8            | 9            | 9            | 0            | 2           | 0           | 0           | 0           | 31           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 4            | 10           | 12           | 2            | 2           | 0           | 0           | 0           | 30           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 8            | 7            | 2            | 2           | 0           | 0           | 0           | 21           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 3            | 12           | 4            | 1           | 1           | 0           | 0           | 23           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 7            | 10           | 11           | 0           | 1           | 0           | 0           | 31           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 2            | 4            | 4            | 2            | 2           | 1           | 0           | 0           | 17           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 3            | 2            | 3            | 2           | 0           | 0           | 0           | 12           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 1            | 4            | 1            | 1            | 0           | 0           | 1           | 0           | 10           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 2            | 2            | 0            | 0           | 0           | 0           | 0           | 6            |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 0            | 0            | 0           | 0           | 0           | 0           | 1            |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 2            |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 1            | 0           | 0           | 0           | 0           | 1            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>1</b>    | <b>1</b>    | <b>0</b>    | <b>2</b>    | <b>10</b>   | <b>48</b>    | <b>119</b>   | <b>128</b>   | <b>80</b>    | <b>35</b>   | <b>6</b>    | <b>2</b>    | <b>1</b>    | <b>433</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.2%</b> | <b>0.2%</b> | <b>0.0%</b> | <b>0.5%</b> | <b>2.3%</b> | <b>11.1%</b> | <b>27.5%</b> | <b>29.6%</b> | <b>18.5%</b> | <b>8.1%</b> | <b>1.4%</b> | <b>0.5%</b> | <b>0.2%</b> |              |

| Daily Percentile Speed Summary |      |     | Speed Statistics     |                 |
|--------------------------------|------|-----|----------------------|-----------------|
| 50th Percentile (Median)       | 60.8 | mph | Mean (Average) Speed | 61.5 mph        |
| 85th Percentile                | 68.5 | mph | 10 mph Pace          | 55.6 - 65.6 mph |
| 95th Percentile                | 72.1 | mph | Percent in Pace      | 57.7 %          |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
**Date Range:** 2/27/2019 to 2/28/2019  
**Site Code:** 209 - V26501

Thursday, February 28, 2019

Eastbound

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |             |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55     | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0            | 1            | 0            | 0           | 0           | 0           | 1           | 3            |
| 1:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 3            | 0            | 0            | 0           | 0           | 0           | 0           | 4            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 1            | 0           | 0           | 0           | 0           | 1            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 1            | 0            | 0           | 0           | 0           | 0           | 4            |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5            | 3            | 1            | 0           | 0           | 0           | 0           | 10           |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 1           | 3            | 6            | 5            | 0           | 0           | 0           | 0           | 16           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 2           | 5            | 9            | 3            | 1           | 0           | 0           | 0           | 21           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 4            | 5            | 5            | 2           | 1           | 0           | 0           | 19           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 6            | 5            | 6            | 5           | 2           | 0           | 0           | 26           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 10           | 7            | 7            | 4           | 0           | 1           | 0           | 31           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3           | 12           | 13           | 3            | 5           | 0           | 0           | 0           | 36           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 2           | 9            | 5            | 4            | 1           | 1           | 0           | 0           | 23           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5           | 22           | 19           | 12           | 3           | 0           | 0           | 0           | 62           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 5           | 13           | 10           | 12           | 3           | 2           | 0           | 1           | 48           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 2           | 4           | 9            | 25           | 16           | 3           | 2           | 0           | 0           | 62           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 11          | 13           | 7            | 5            | 1           | 1           | 0           | 0           | 39           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5           | 4            | 11           | 4            | 3           | 0           | 0           | 0           | 27           |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 3           | 3            | 5            | 7            | 2           | 1           | 0           | 0           | 23           |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5            | 4            | 5            | 1           | 0           | 0           | 0           | 15           |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 2           | 0           | 0           | 3            | 2            | 0            | 1           | 0           | 0           | 0           | 9            |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 2            | 1            | 0           | 0           | 0           | 0           | 3            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>3</b>    | <b>0</b>    | <b>4</b>    | <b>11</b>   | <b>47</b>   | <b>132</b>   | <b>140</b>   | <b>97</b>    | <b>35</b>   | <b>10</b>   | <b>1</b>    | <b>2</b>    | <b>482</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.6%</b> | <b>0.0%</b> | <b>0.8%</b> | <b>2.3%</b> | <b>9.8%</b> | <b>27.4%</b> | <b>29.0%</b> | <b>20.1%</b> | <b>7.3%</b> | <b>2.1%</b> | <b>0.2%</b> | <b>0.4%</b> |              |

| Daily Percentile Speed Summary |      |     | Speed Statistics     |             |     |
|--------------------------------|------|-----|----------------------|-------------|-----|
| 50th Percentile (Median)       | 61.1 | mph | Mean (Average) Speed | 61.6        | mph |
| 85th Percentile                | 68.0 | mph | 10 mph Pace          | 57.4 - 67.4 | mph |
| 95th Percentile                | 73.4 | mph | Percent in Pace      | 58.3        | %   |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
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Thursday, February 28, 2019

Westbound

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |              |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55      | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 1           | 0           | 0           | 0           | 1            |
| 1:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 1           | 1            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 0            | 1            | 0           | 0           | 0           | 0           | 2            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 2            | 2            | 0            | 0           | 0           | 0           | 0           | 5            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1            | 2            | 4            | 2            | 2           | 0           | 0           | 0           | 12           |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 12           | 7            | 8            | 5           | 0           | 0           | 0           | 32           |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 4            | 6            | 20           | 23           | 7           | 3           | 2           | 0           | 66           |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 7            | 3            | 23           | 16           | 4           | 1           | 0           | 0           | 56           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 4            | 14           | 15           | 7            | 6           | 1           | 1           | 0           | 48           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 9            | 12           | 10           | 7            | 2           | 1           | 0           | 1           | 44           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 4            | 9            | 5            | 2            | 5           | 0           | 1           | 0           | 26           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 2            | 7            | 9            | 4            | 0           | 2           | 0           | 0           | 25           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 5            | 8            | 2            | 5           | 2           | 0           | 1           | 26           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 8            | 12           | 5            | 2           | 1           | 0           | 1           | 33           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 7            | 11           | 6            | 0           | 2           | 0           | 0           | 29           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 15           | 7            | 7            | 2           | 0           | 0           | 0           | 34           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 3            | 8            | 6            | 2           | 0           | 0           | 0           | 22           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 4            | 3            | 4            | 1            | 0           | 1           | 0           | 0           | 14           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 2            | 1            | 0            | 0           | 0           | 1           | 0           | 7            |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 1            | 1            | 0           | 0           | 0           | 0           | 3            |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 1            | 0            | 0            | 0           | 0           | 0           | 0           | 2            |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 2            | 0            | 0           | 0           | 0           | 0           | 2            |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 0            | 0            | 1            | 0           | 0           | 0           | 0           | 2            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>9</b>    | <b>56</b>    | <b>113</b>   | <b>149</b>   | <b>99</b>    | <b>43</b>   | <b>14</b>   | <b>5</b>    | <b>4</b>    | <b>492</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>1.8%</b> | <b>11.4%</b> | <b>23.0%</b> | <b>30.3%</b> | <b>20.1%</b> | <b>8.7%</b> | <b>2.8%</b> | <b>1.0%</b> | <b>0.8%</b> |              |

| Daily Percentile Speed Summary |          | Speed Statistics     |                 |
|--------------------------------|----------|----------------------|-----------------|
| 50th Percentile (Median)       | 62.0 mph | Mean (Average) Speed | 62.6 mph        |
| 85th Percentile                | 69.2 mph | 10 mph Pace          | 56.5 - 66.5 mph |
| 95th Percentile                | 74.9 mph | Percent in Pace      | 56.1 %          |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
**Date Range:** 2/27/2019 to 2/28/2019  
**Site Code:** 209 - V26501

**Total Study Average**  
**Eastbound**

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |              |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55      | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 0            | 2            | 0            | 0           | 0           | 0           | 1           | 4            |
| 1:00 AM        | 0                 | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 0            | 3            | 1            | 0            | 0           | 0           | 0           | 0           | 6            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 1            | 1            | 0           | 0           | 0           | 0           | 2            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 0           | 0            |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 2            | 2            | 0            | 0           | 0           | 0           | 0           | 4            |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 2            | 4            | 2            | 1            | 0           | 0           | 0           | 0           | 10           |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 2            | 9            | 5            | 4            | 0           | 0           | 0           | 0           | 21           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 2           | 2            | 6            | 7            | 3            | 2           | 0           | 0           | 0           | 23           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1            | 3            | 5            | 4            | 2           | 1           | 0           | 0           | 17           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 6            | 5            | 5            | 3           | 1           | 0           | 0           | 24           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 4            | 9            | 5            | 6            | 3           | 0           | 1           | 0           | 29           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 10           | 8            | 4            | 3           | 0           | 1           | 0           | 30           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0           | 4            | 10           | 9            | 2            | 3           | 1           | 0           | 0           | 30           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 6            | 16           | 18           | 10           | 3           | 1           | 0           | 1           | 57           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 5            | 12           | 14           | 10           | 4           | 3           | 0           | 1           | 51           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 3            | 14           | 21           | 15           | 3           | 2           | 1           | 0           | 61           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 9            | 12           | 11           | 5            | 2           | 1           | 0           | 0           | 42           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 4            | 5            | 7            | 8            | 2           | 1           | 0           | 0           | 28           |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 4            | 4            | 6            | 6            | 2           | 1           | 1           | 0           | 26           |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 6            | 4            | 3            | 1           | 0           | 1           | 0           | 16           |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 1           | 0           | 1            | 4            | 2            | 2            | 1           | 0           | 0           | 0           | 12           |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 2            | 3            | 1            | 0           | 0           | 0           | 0           | 6            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>1</b>    | <b>0</b>    | <b>3</b>    | <b>0</b>    | <b>5</b>    | <b>16</b>   | <b>55</b>    | <b>137</b>   | <b>138</b>   | <b>90</b>    | <b>34</b>   | <b>12</b>   | <b>5</b>    | <b>3</b>    | <b>499</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.2%</b> | <b>0.0%</b> | <b>0.6%</b> | <b>0.0%</b> | <b>1.0%</b> | <b>3.2%</b> | <b>11.0%</b> | <b>27.5%</b> | <b>27.7%</b> | <b>18.0%</b> | <b>6.8%</b> | <b>2.4%</b> | <b>1.0%</b> | <b>0.6%</b> |              |

Note: Average only considered on days with 24-hours of data.

| Total Study Percentile Speed Summary |      |     | Total Study Speed Statistics |             |     |
|--------------------------------------|------|-----|------------------------------|-------------|-----|
| 50th Percentile (Median)             | 60.8 | mph | Mean (Average) Speed         | 61.4        | mph |
| 85th Percentile                      | 67.7 | mph | 10 mph Pace                  | 55.6 - 65.6 | mph |
| 95th Percentile                      | 73.3 | mph | Percent in Pace              | 58.3        | %   |

**Location:** Whitmore Rd, Between Old 44 Dr & Fern Rd East  
**Date Range:** 2/27/2019 to 2/28/2019  
**Site Code:** 209 - V26501

**Total Study Average**  
**Westbound**

| Time           | Speed Range (mph) |             |             |             |             |             |             |             |             |              |              |              |              |             |             |             |             | Total Volume |
|----------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|
|                | 0 - 10            | 10 - 15     | 15 - 20     | 20 - 25     | 25 - 30     | 30 - 35     | 35 - 40     | 40 - 45     | 45 - 50     | 50 - 55      | 55 - 60      | 60 - 65      | 65 - 70      | 70 - 75     | 75 - 80     | 80 - 85     | 85 +        |              |
| 12:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0            | 0            | 1            | 1            | 1           | 0           | 0           | 0           | 4            |
| 1:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 0            | 0            | 0           | 0           | 0           | 1           | 1            |
| 2:00 AM        | 0                 | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | 0            | 1            | 0            | 0            | 0           | 0           | 0           | 0           | 2            |
| 3:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 2            | 0            | 1            | 0           | 0           | 0           | 0           | 4            |
| 4:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1            | 2            | 1            | 1            | 0           | 0           | 0           | 0           | 6            |
| 5:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 2            | 3            | 3            | 2            | 2           | 0           | 0           | 0           | 14           |
| 6:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 10           | 7            | 10           | 4           | 0           | 0           | 0           | 32           |
| 7:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5            | 10           | 22           | 19           | 8           | 2           | 2           | 0           | 69           |
| 8:00 AM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5            | 9            | 21           | 15           | 5           | 2           | 0           | 0           | 58           |
| 9:00 AM        | 0                 | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 1           | 4            | 14           | 13           | 5            | 4           | 1           | 1           | 1           | 45           |
| 10:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 7            | 12           | 9            | 7            | 4           | 1           | 0           | 1           | 42           |
| 11:00 AM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 1           | 6            | 9            | 7            | 1            | 4           | 0           | 1           | 0           | 30           |
| 12:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 9            | 11           | 3            | 1           | 1           | 0           | 0           | 29           |
| 1:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 7            | 8            | 2            | 4           | 1           | 0           | 1           | 26           |
| 2:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 6            | 12           | 5            | 2           | 1           | 0           | 1           | 31           |
| 3:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 7            | 11           | 9            | 0           | 2           | 0           | 0           | 32           |
| 4:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 3            | 10           | 6            | 5            | 2           | 1           | 0           | 0           | 28           |
| 5:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 3            | 5            | 5            | 2           | 0           | 0           | 0           | 18           |
| 6:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | 3            | 4            | 3            | 1            | 0           | 1           | 1           | 0           | 15           |
| 7:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 3            | 2            | 2            | 0            | 0           | 0           | 1           | 0           | 8            |
| 8:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 1            | 1            | 1            | 0           | 0           | 0           | 0           | 3            |
| 9:00 PM        | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2            | 1            | 0            | 0            | 0           | 0           | 0           | 0           | 3            |
| 10:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            | 0            | 1            | 0            | 0           | 0           | 0           | 0           | 1            |
| 11:00 PM       | 0                 | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1            | 0            | 0            | 1            | 0           | 0           | 0           | 0           | 2            |
| <b>Total</b>   | <b>0</b>          | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>1</b>    | <b>1</b>    | <b>0</b>    | <b>2</b>    | <b>13</b>   | <b>59</b>    | <b>122</b>   | <b>144</b>   | <b>94</b>    | <b>43</b>   | <b>13</b>   | <b>6</b>    | <b>5</b>    | <b>503</b>   |
| <b>Percent</b> | <b>0.0%</b>       | <b>0.0%</b> | <b>0.0%</b> | <b>0.0%</b> | <b>0.2%</b> | <b>0.2%</b> | <b>0.0%</b> | <b>0.4%</b> | <b>2.6%</b> | <b>11.7%</b> | <b>24.3%</b> | <b>28.6%</b> | <b>18.7%</b> | <b>8.5%</b> | <b>2.6%</b> | <b>1.2%</b> | <b>1.0%</b> |              |

Note: Average only considered on days with 24-hours of data.

| Total Study Percentile Speed Summary |          | Total Study Speed Statistics |                 |
|--------------------------------------|----------|------------------------------|-----------------|
| 50th Percentile (Median)             | 61.5 mph | Mean (Average) Speed         | 62.1 mph        |
| 85th Percentile                      | 68.8 mph | 10 mph Pace                  | 55.8 - 65.8 mph |
| 95th Percentile                      | 73.1 mph | Percent in Pace              | 56.3 %          |