

From: [Matt Wallander](#)
To: [PD Patrol](#); [PD Supervisors](#)
Subject: Cleveland Ave Speed Data
Date: Saturday, April 20, 2019 5:11:20 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

Patrol and Supervisors,

In response to another citizen complaint, I have placed a radar board on Cleveland Ave just as you exit SB from Maritime Dr (the sign is facing the NB traffic). Below is the copied data for traffic volume and speeds during those times for the past two weeks:

**Outgoing is SB traffic, Incoming traffic was first recorded much further down at 36 cars in a half-hour span

| | Date | Number of measurements | Number of vehicle | Average speed | Maximum speed | Direction |
|----|------------------|------------------------|-------------------|---------------|---------------|-----------|
| 1 | 11/04/2019 11:30 | 68 | 68 | 19.15 | 29.00 | Outgoing |
| 2 | 09/04/2019 16:00 | 65 | 65 | 24.51 | 34.00 | Outgoing |
| 3 | 10/04/2019 15:30 | 63 | 63 | 25.78 | 56.00 | Outgoing |
| 4 | 08/04/2019 14:30 | 62 | 62 | 24.05 | 34.00 | Outgoing |
| 5 | 08/04/2019 17:00 | 58 | 58 | 22.78 | 34.00 | Outgoing |
| 6 | 17/04/2019 15:30 | 57 | 57 | 25.04 | 37.00 | Outgoing |
| 7 | 09/04/2019 16:30 | 56 | 56 | 23.48 | 35.00 | Outgoing |
| 8 | 08/04/2019 16:00 | 55 | 55 | 23.22 | 34.00 | Outgoing |
| 9 | 10/04/2019 17:00 | 54 | 54 | 23.81 | 32.00 | Outgoing |
| 10 | 09/04/2019 15:30 | 53 | 53 | 23.98 | 37.00 | Outgoing |
| 11 | 18/04/2019 17:00 | 53 | 53 | 23.64 | 34.00 | Outgoing |
| 12 | 15/04/2019 14:30 | 51 | 51 | 24.24 | 37.00 | Outgoing |
| 13 | 11/04/2019 13:00 | 50 | 50 | 21.32 | 35.00 | Outgoing |
| 14 | 12/04/2019 16:00 | 50 | 50 | 24.88 | 34.00 | Outgoing |
| 15 | 17/04/2019 17:00 | 50 | 50 | 24.66 | 31.00 | Outgoing |
| 16 | 08/04/2019 18:00 | 50 | 50 | 22.86 | 31.00 | Outgoing |
| 17 | 10/04/2019 16:30 | 49 | 49 | 24.82 | 37.00 | Outgoing |
| 18 | 09/04/2019 17:00 | 49 | 49 | 24.92 | 34.00 | Outgoing |

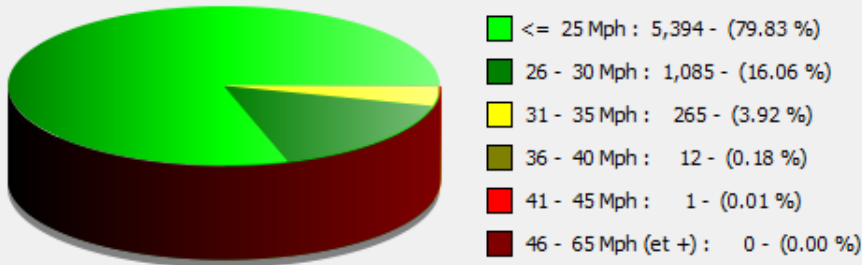
These speeds are still high as they are in the mid-30's, but not nearly as high as Kellner. However, comparing the highest speeds, Cleveland certainly does not fall short on the highest speeds:

| | Date | Number of measurements | Number of vehicles | Average speed | Maximum speed | Direction |
|----|------------------|------------------------|--------------------|---------------|---------------|-----------|
| 1 | 19/04/2019 16:30 | 34 | 34 | 25.29 | 63.00 | Outgoing |
| 2 | 16/04/2019 12:00 | 32 | 32 | 24.59 | 62.00 | Outgoing |
| 3 | 10/04/2019 15:30 | 63 | 63 | 25.78 | 56.00 | Outgoing |
| 4 | 11/04/2019 18:00 | 29 | 29 | 25.66 | 56.00 | Outgoing |
| 5 | 09/04/2019 13:30 | 41 | 41 | 25.83 | 50.00 | Outgoing |
| 6 | 12/04/2019 04:30 | 5 | 5 | 26.80 | 50.00 | Outgoing |
| 7 | 08/04/2019 13:00 | 35 | 35 | 25.77 | 47.00 | Outgoing |
| 8 | 14/04/2019 18:30 | 13 | 13 | 27.15 | 47.00 | Outgoing |
| 9 | 15/04/2019 19:30 | 21 | 21 | 25.14 | 46.00 | Outgoing |
| 10 | 14/04/2019 19:00 | 16 | 16 | 25.38 | 46.00 | Outgoing |
| 11 | 09/04/2019 08:30 | 30 | 30 | 24.60 | 44.00 | Outgoing |
| 12 | 09/04/2019 11:30 | 42 | 42 | 24.02 | 43.00 | Outgoing |
| 13 | 09/04/2019 13:00 | 31 | 31 | 24.87 | 43.00 | Outgoing |
| 14 | 15/04/2019 17:30 | 27 | 27 | 25.70 | 43.00 | Outgoing |
| 15 | 07/04/2019 11:30 | 19 | 19 | 24.63 | 43.00 | Outgoing |
| 16 | 17/04/2019 11:30 | 34 | 34 | 25.35 | 42.00 | Outgoing |
| 17 | 06/04/2019 21:30 | 12 | 12 | 23.42 | 42.00 | Outgoing |
| 18 | 15/04/2019 12:00 | 44 | 44 | 24.68 | 41.00 | Outgoing |

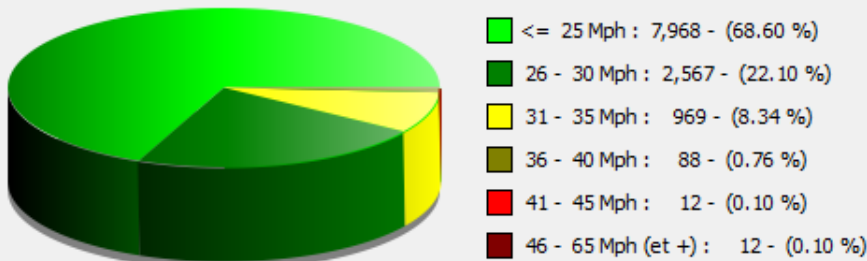
Again, all the above maximum speeds are for SB vehicles (getting around Waldo detour?). If you get some time and want to sit in this area, it might be a good idea to help slow traffic down. However, when reviewing the percentile of speeding vehicles on a pie chart, the data presents much different than the Kellner Street data:

Vehicles distribution among velocity range

Incoming vehicles



Outgoing vehicles



According to the above chart, less than 1% of vehicles are going 10+, which is an average stat for these deployments.

We have received complaints for this area, so it would be helpful to enforce this area as well, especially early on in the Waldo construction phase. I again have made a log for enforcement, so please let a supervisor know of your enforcement periods and stats. **Target times would be weekdays, early afternoon to early evening hours.** Thank you again!

Regards,

Capt. Matt Wallander

Shift Commander

3rd Shift 10:30pm to 6:45am
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Manitowoc Police Department Mission Statement

"We are committed to providing excellent police service and an unrelenting pursuit of justice, while maintaining order and securing a safe environment for everyone."

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