

MEMORANDUM

To: Village President & Board of Trustees
c/o Gregory Jackson, Village Manager
Village of Long Grove

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Fr: Geoffrey L. Perry, P.E., Village Engineer

Date: February 28, 2023 (UPDATED)

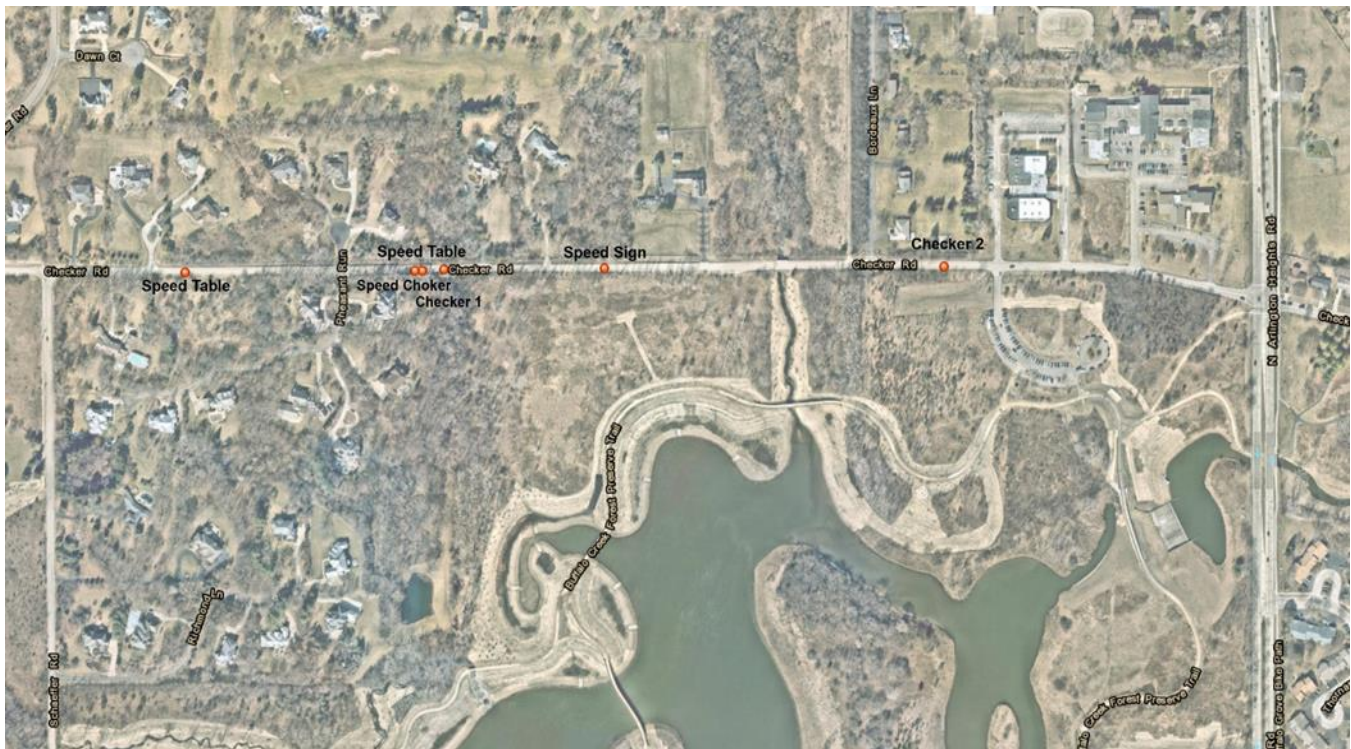
Re: Checker Road Traffic Calming
Beta Testing Results Analysis Memorandum
Village of Long Grove

BACKGROUND

In response to traffic volume and safety concerns on Schaeffer Road and Checker Road, between North Arlington Heights Road and West Lake Cook Road, our office has completed Traffic Calming Beta Testing of various traffic calming measures. The tested measures include electronic speed signs, temporary traffic choker and temporary speed tables.

As previously discussed, motor vehicles are using these Village roads as a cut-through to bypass the intersection at Arlington Heights Road and Lake Cook Road. This has led to many complaints and incidents of unsafe conditions for children to get on/off the school bus, unsafe traffic conditions for bus drivers, residents' inability to exit their driveway due to increased traffic, and speeding vehicles.

Below is a graphic showing the location where traffic speed and volume data was collected; street labels, Speed Choker pin, Speed Table pins, Checker 1 pin and Checker 2 pin. This graphic also shows where the electric speed signs were mounted.



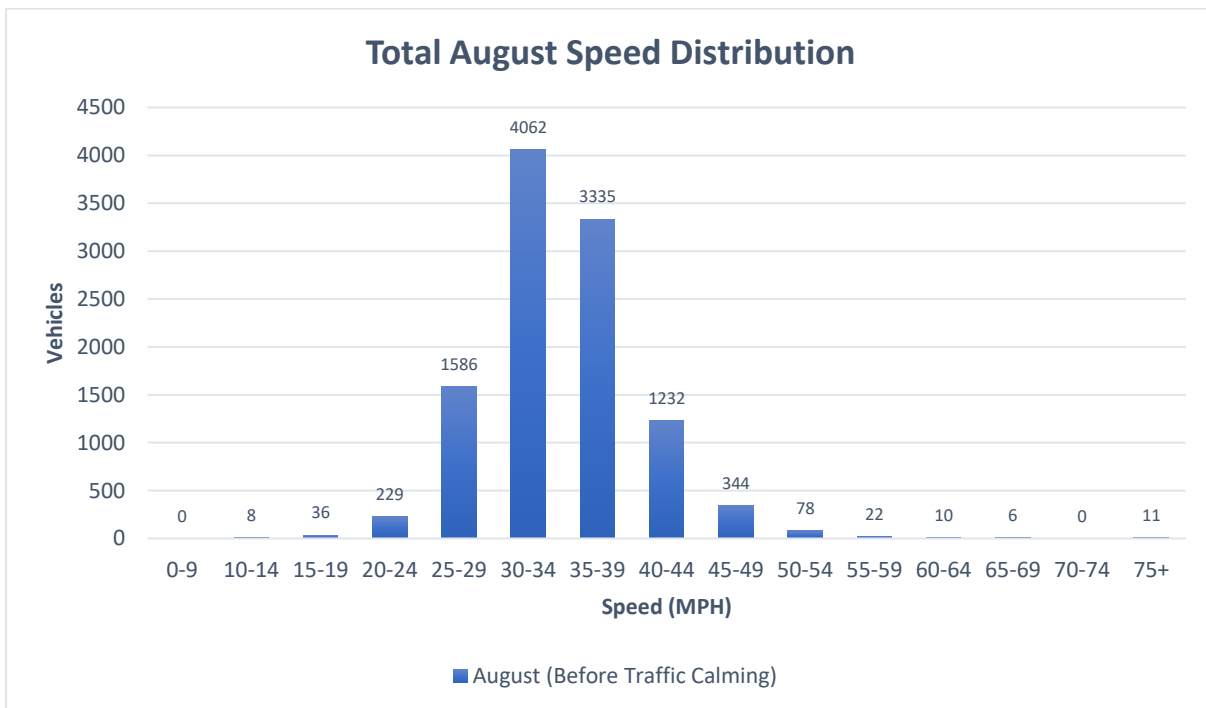
TIMELINE

The following is a summary of the timeline of the Beta Test and major milestone dates:

- August 23 - 25, 2022: 24-Hour Traffic Counts completed to establish baseline for Average Daily Traffic Volume, peak Travel Times and Vehicle Speed.
- August 30 – September 6, 2022: Electronic Speed Display sign installed on eastbound Checker Road for one-week
- September 8 – 15, 2022: Electronic Speed Display sign installed on westbound Checker Road for one-week
- September 20 – 22, 2022: 24-Hour Traffic Counts were completed for post-speed sign.
- October 5, 2022: Temporary choker was installed with water-filled jersey barriers, approximately 1,300' east of the intersection at Checker Road and Schaeffer Road. The temporary choker was removed October 17, 2022.
- November 1 – 3, 2022: 24-Hour Traffic Counts were completed for post-choker.
- November 9, 2022: Two temporary speed tables were installed, one approximately 700' east of the intersection of Checker Road and Schaeffer Road and one approximately 1,300' east of the intersection at Checker Road and Schaeffer Road. The temporary speed tables were removed November 22, 2022.
- November 29 – December 1, 2022: 24-Hour Traffic Counts were completed for post-speed table.

RESULTS

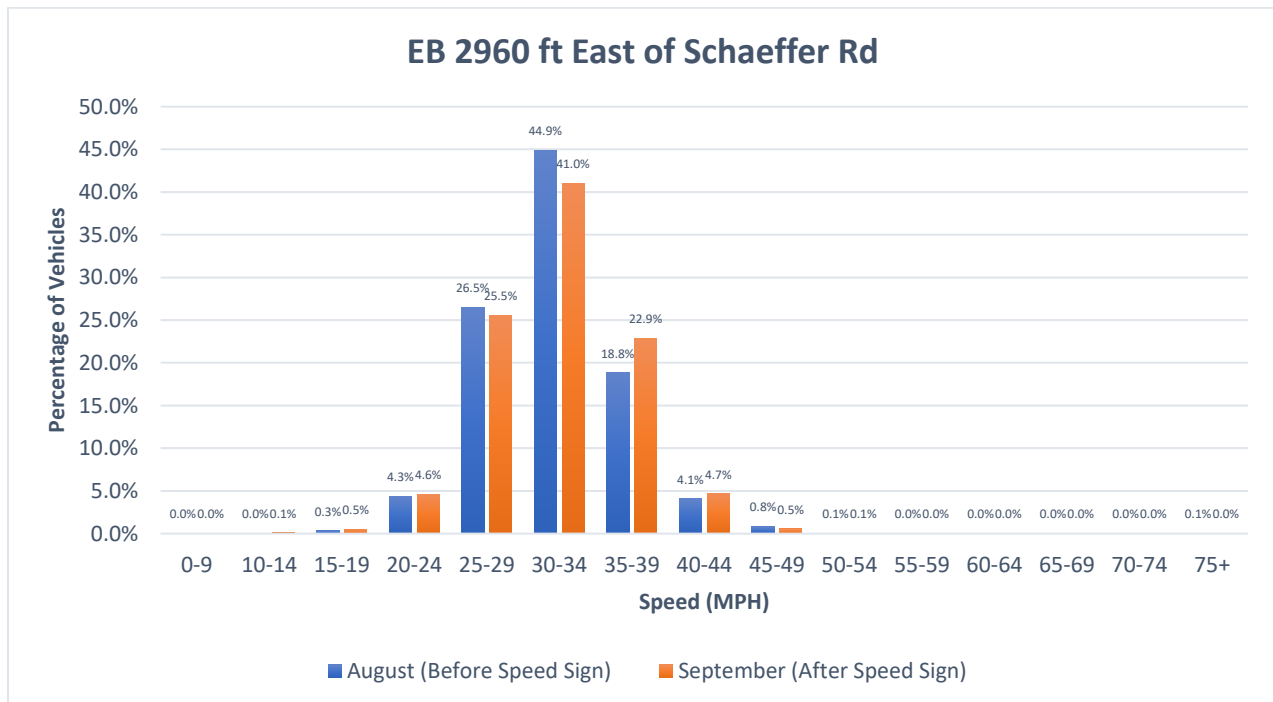
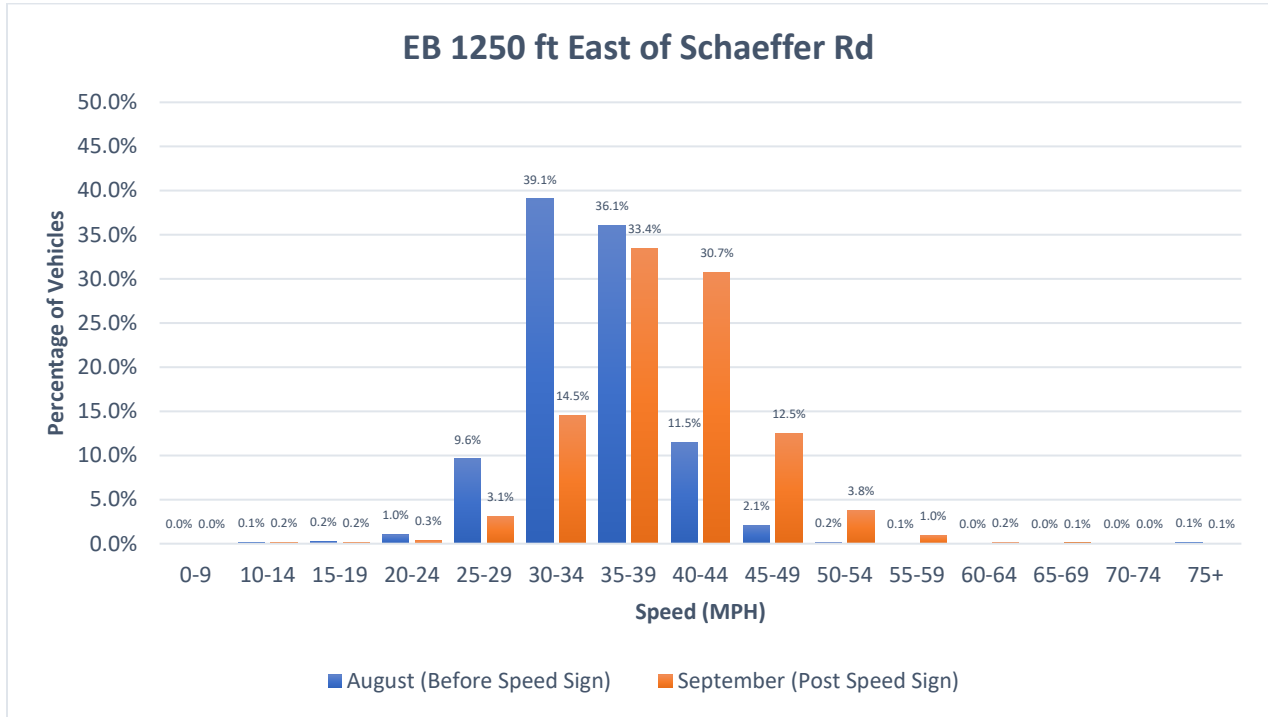
The graph below shows the baseline vehicle speeds, prior to installation of any traffic calming devices. From the data collected, the average speeds was at or slightly above the speed limit of 30 miles per hour (“mph”). Note that ±46% of cars were going 5+ mph over the posted speed limit.

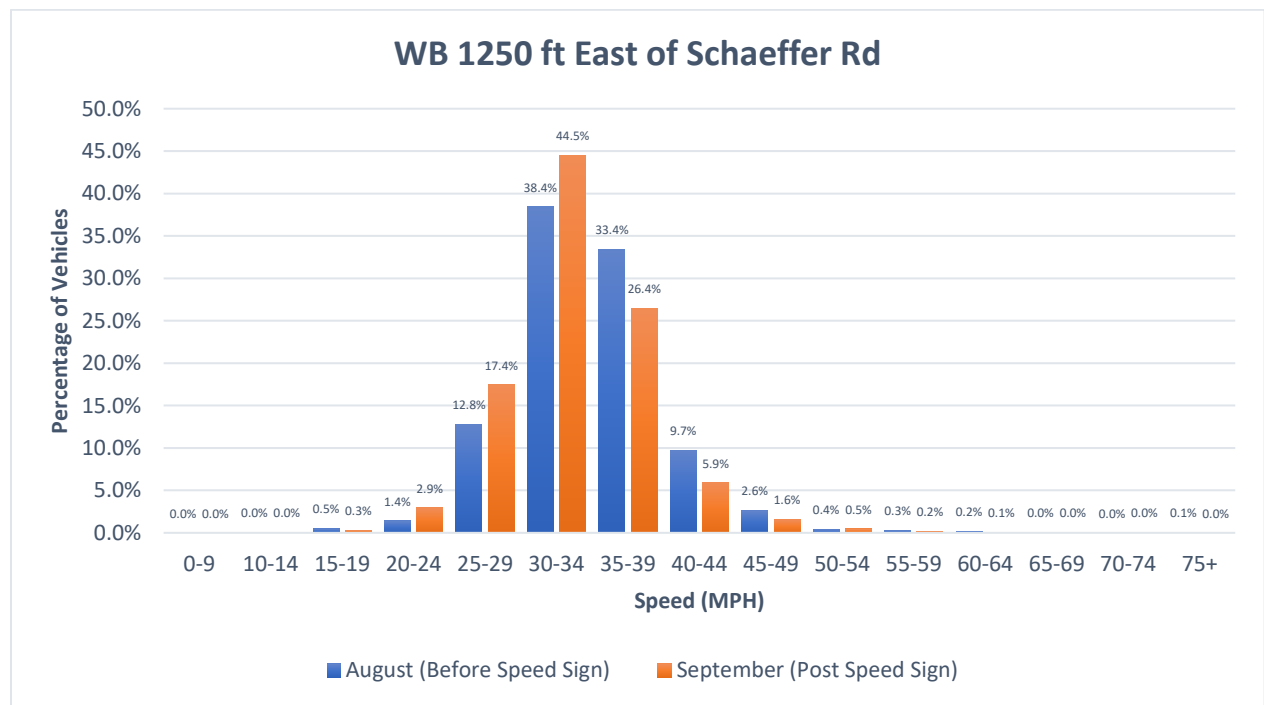
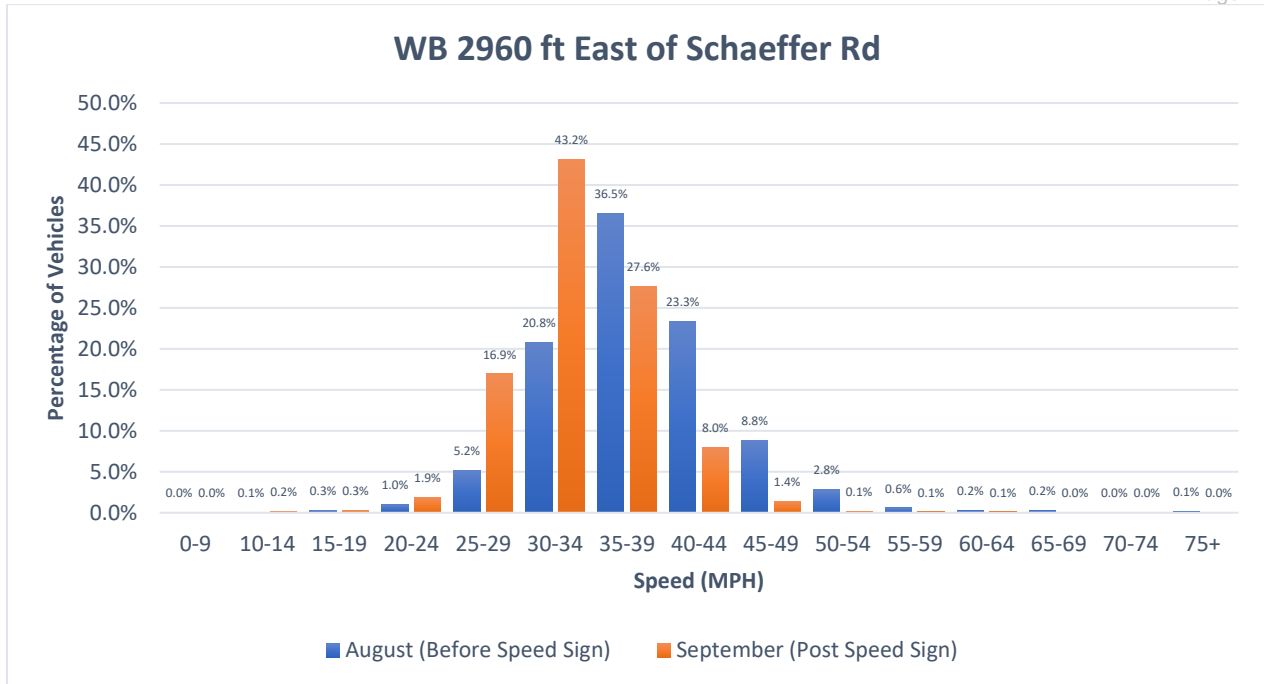


The first traffic calming measures put in place was the electronic display speed signs. The electronic speed signs were installed approximately 2,000-feet east of Schaeffer Road.

The graphs below add the vehicle speeds, after the electronic speed signs were removed. As shown, the vehicle speeds on Checker Road remained mostly consistent before and after the speed signs were in place, with the exception of eastbound traffic, approximately 1,250-feet east of Schaeffer Road. At this location, speeds rose significantly after the electronic speed signs were removed.

Conversely, the westbound data after the electronic speed sign was removed is slower than the baseline data, which suggest the speed sign had some effectiveness.

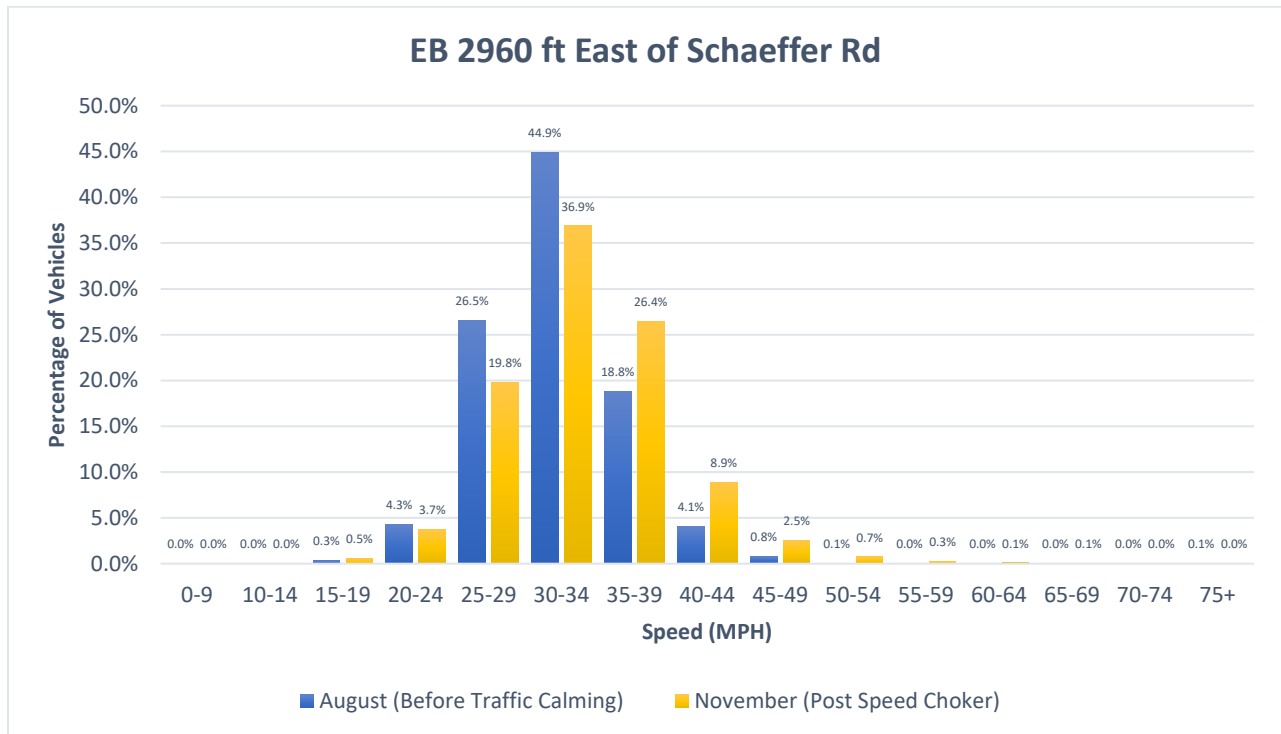
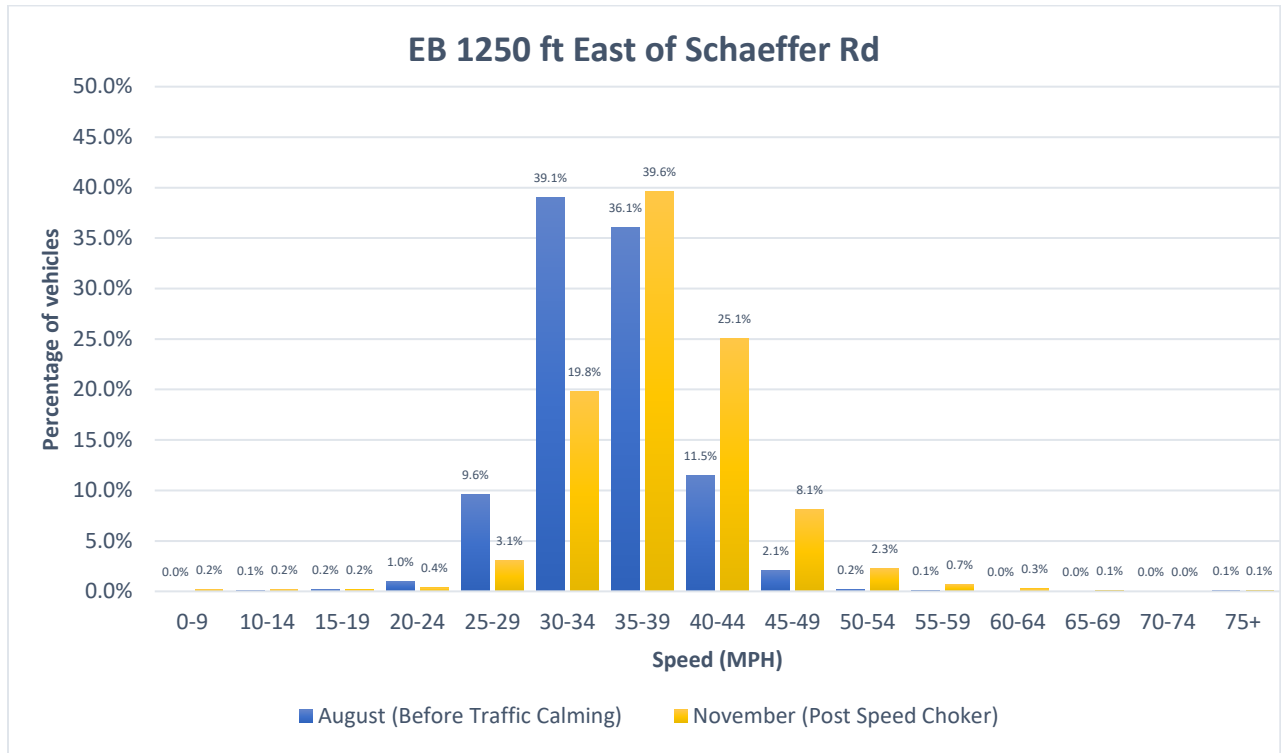


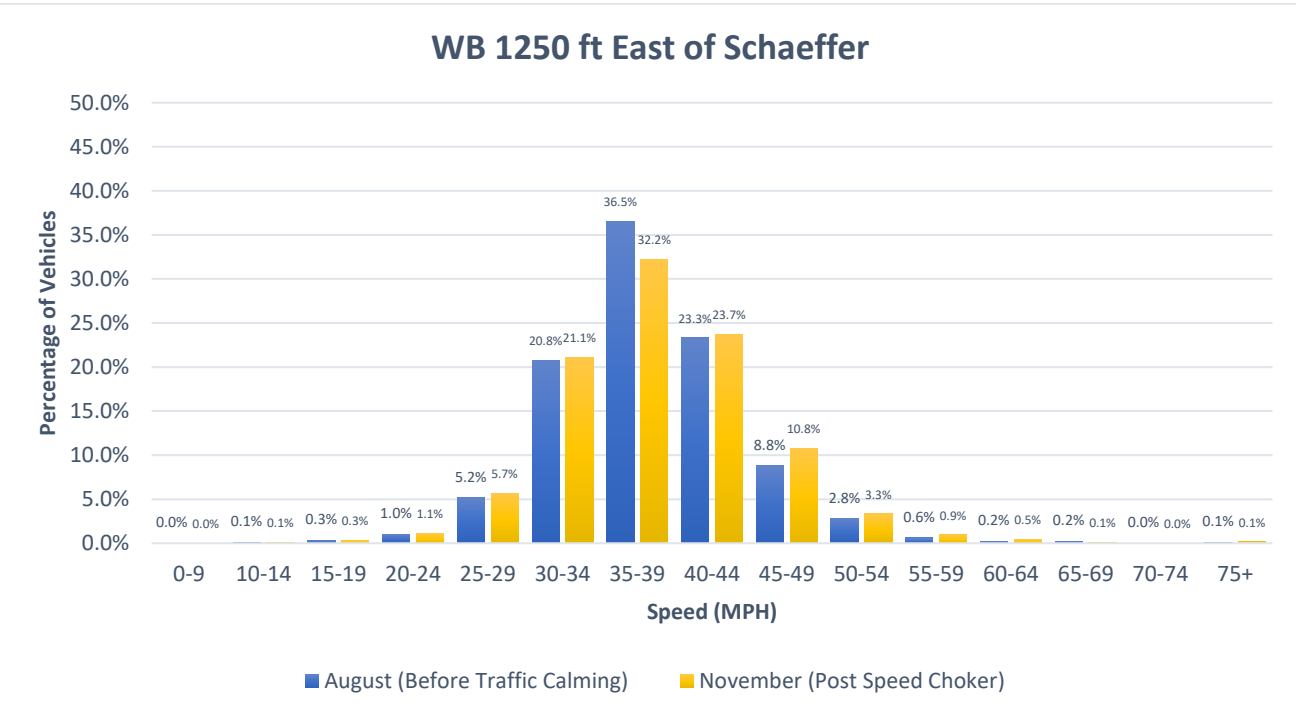
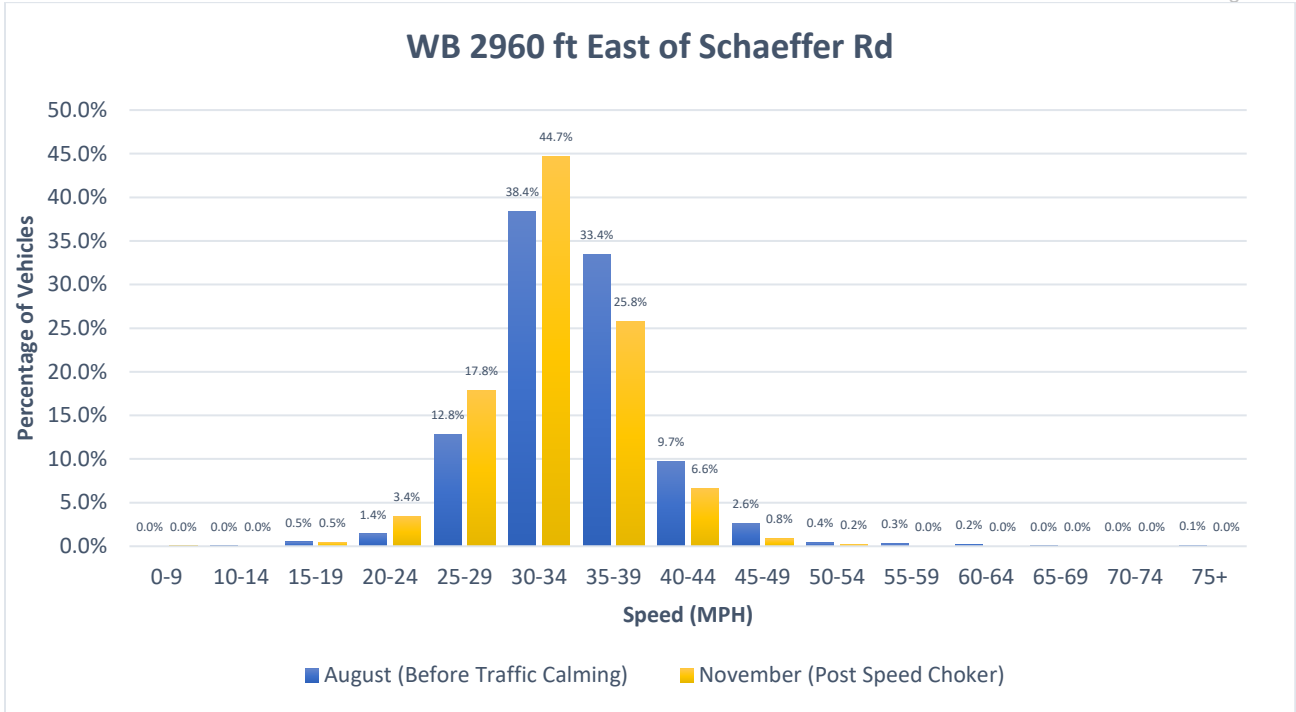


The next traffic calming measure tested was the speed choker. The temporary choker was installed approximately 1,250-feet east of Schaeffer Road.

The graphs below add the vehicle speeds, after the temporary choker was removed. As shown, vehicle speed on Checker Road was much faster than compared to the baseline and westbound vehicle speeds were much slower than compared to the baseline.

Data was collected at two locations on Checker Road. As the choker was located nearer “Checker 1,” it had more of an effect there. We also note the wide changes in speed in the two data sets on Checker Road; this could indicate that motorists went faster due to the choker being removed.

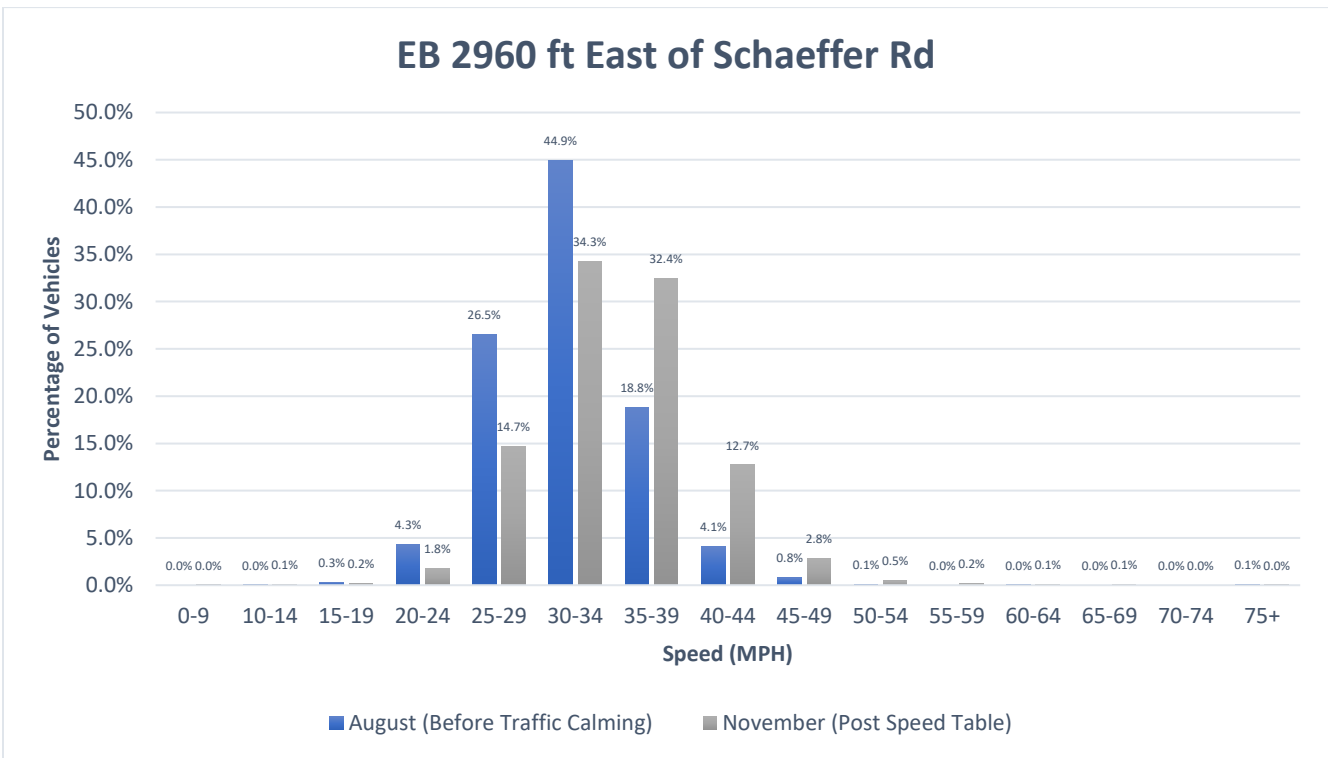
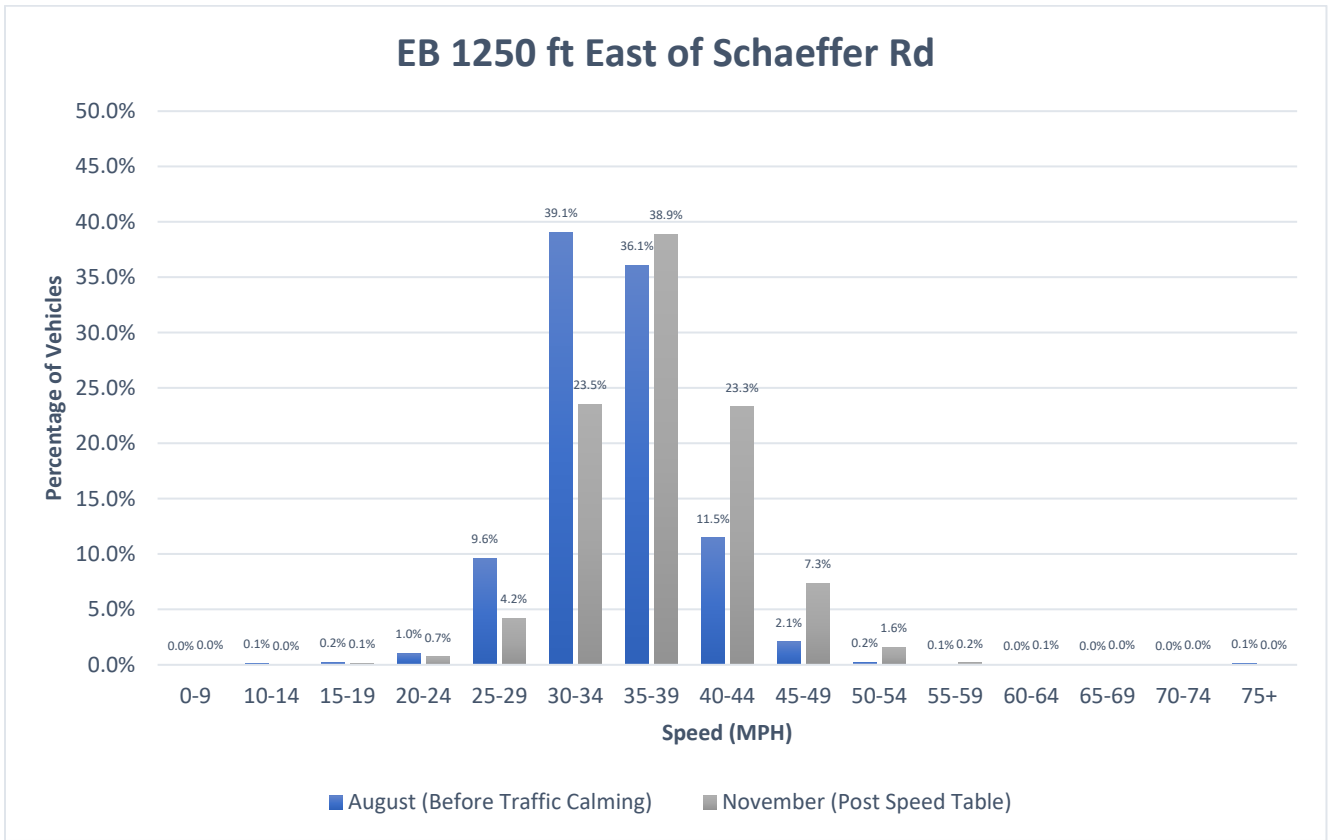


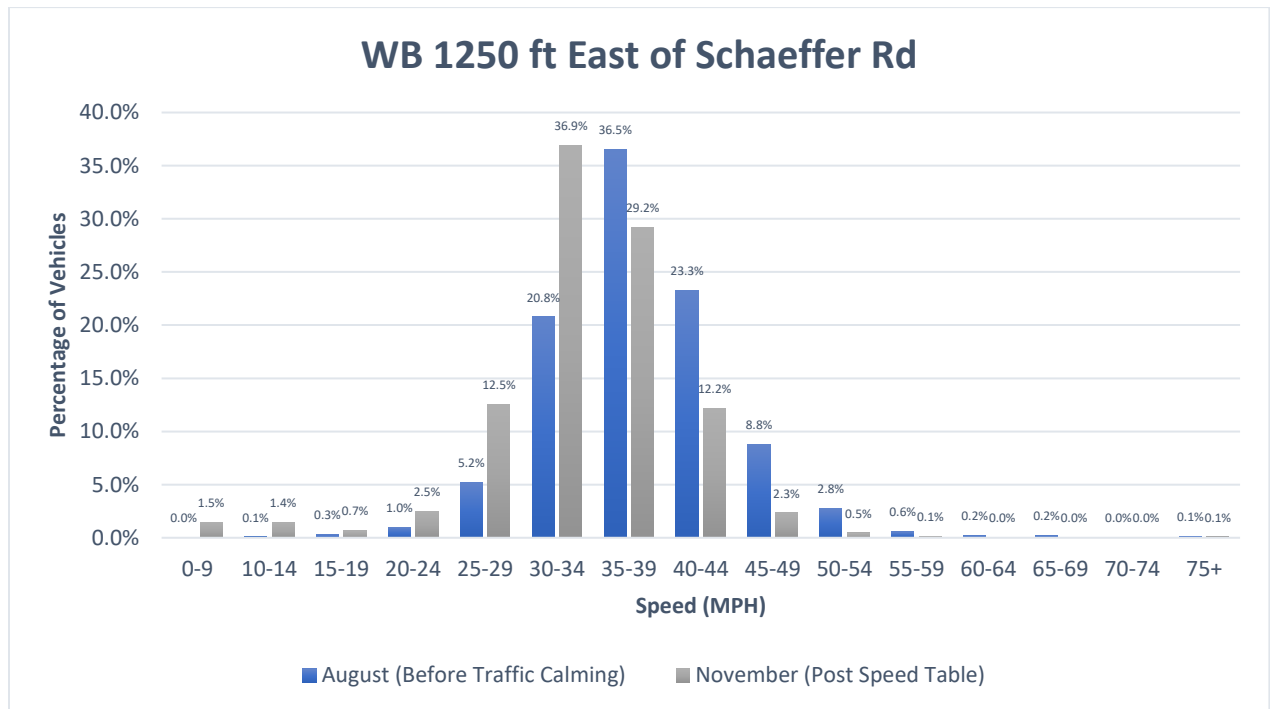
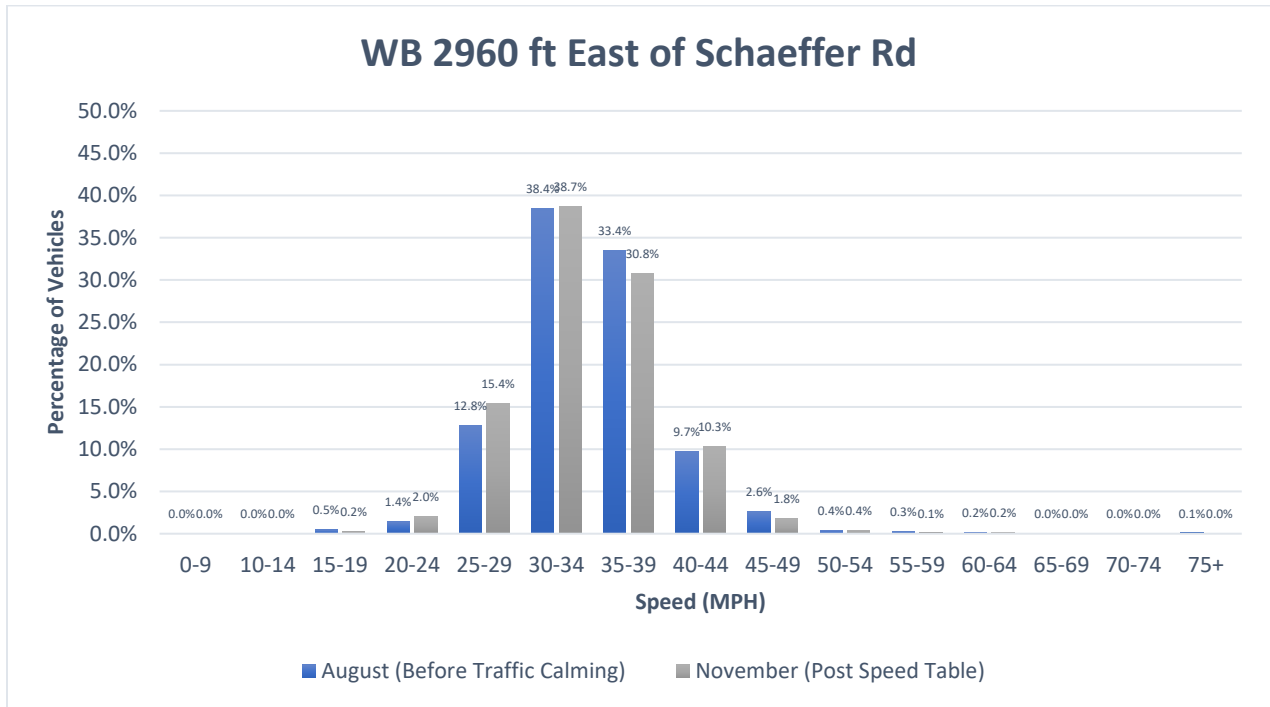


The third, and last, traffic calming measure were speed tables. One speed table was approximately 700' east of the intersection of Checker Road and Schaeffer Road and the other was approximately 1,300' east of the intersection at Checker Road and Schaeffer Road.

The graphs below add the vehicle speeds, after the speed tables were removed. As shown, eastbound vehicles traveled significantly faster after the speed tables were removed than compared to the baseline and westbound vehicles traveled slower than compared to baseline.

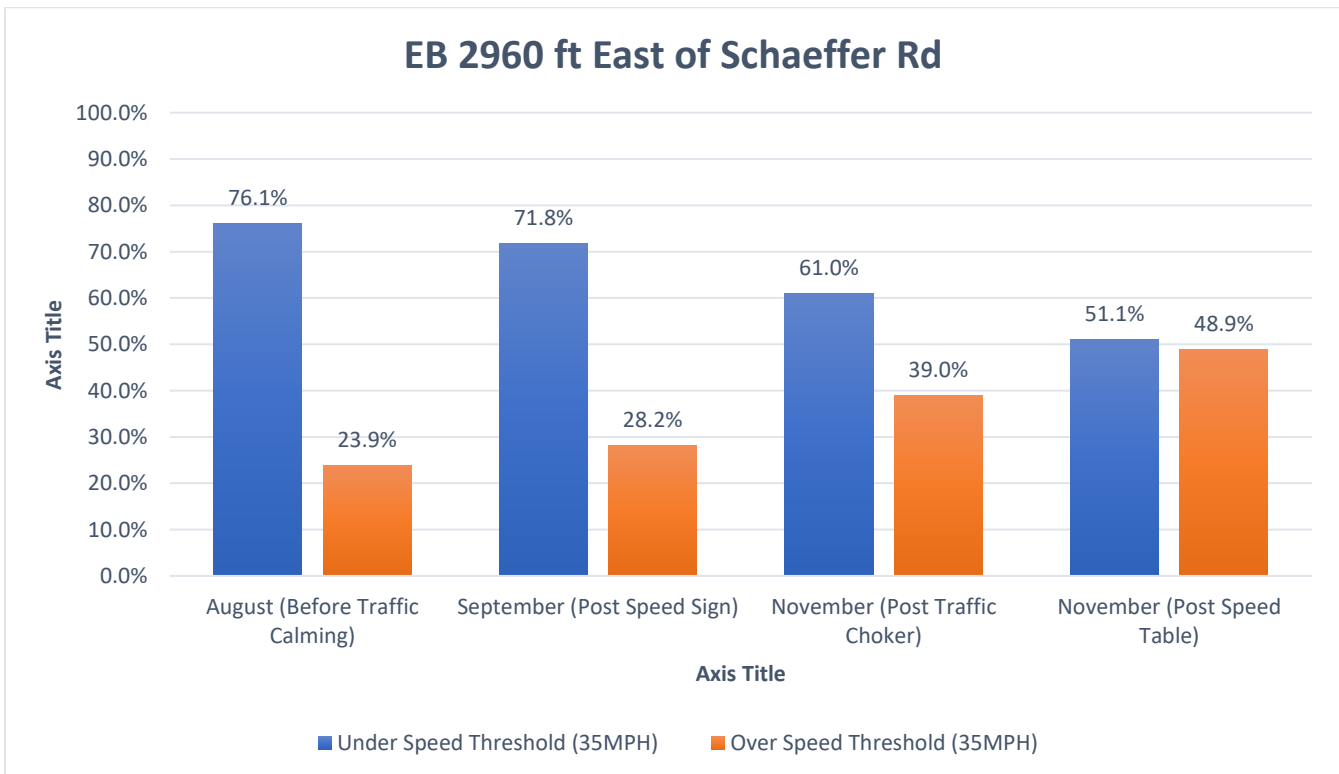
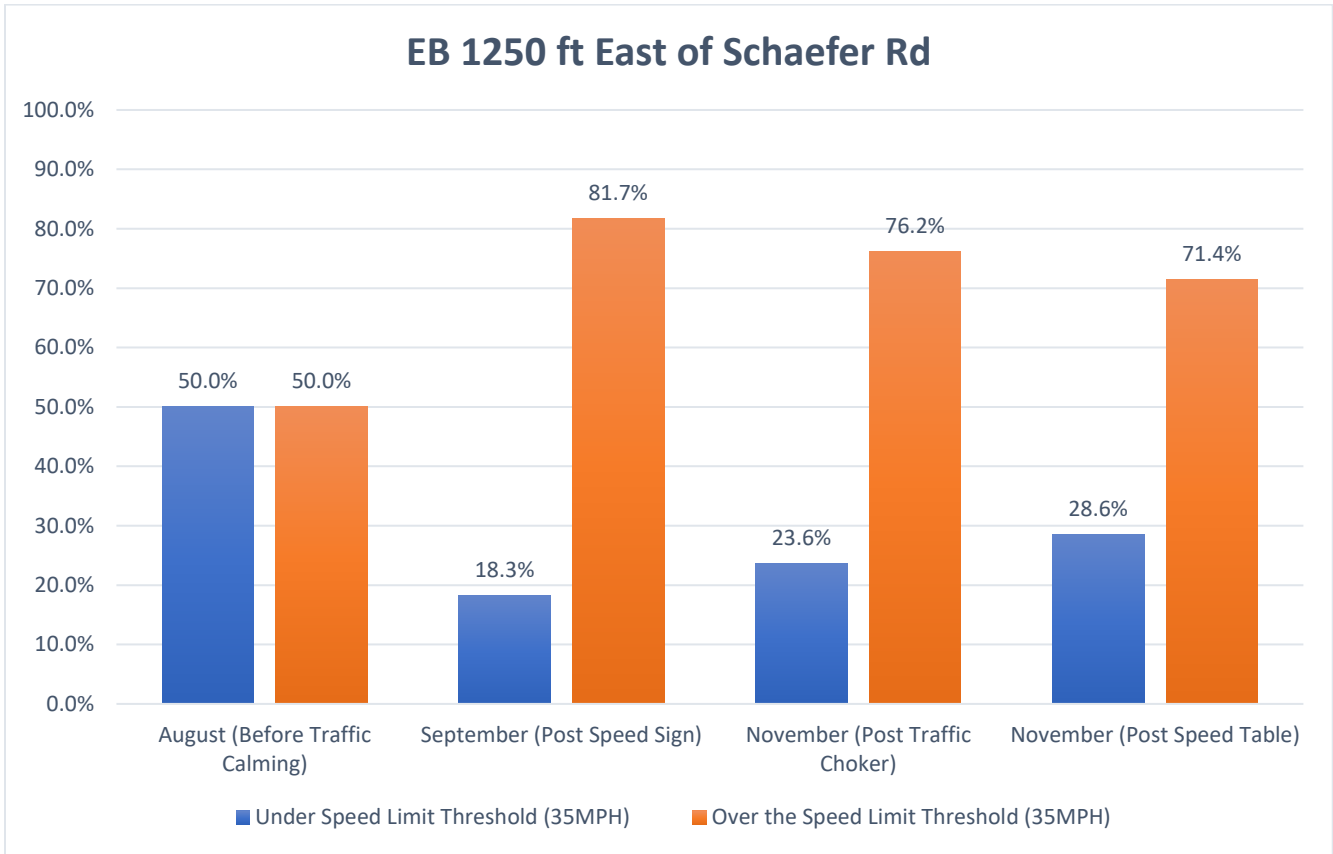
Similar to the traffic choker, the speed tables were located nearer "Checker 1," suggesting they had more of an effect there. Our opinion is that vehicles traveled slowly over the speed tables, then sped up, which could indicate some driver irritation.

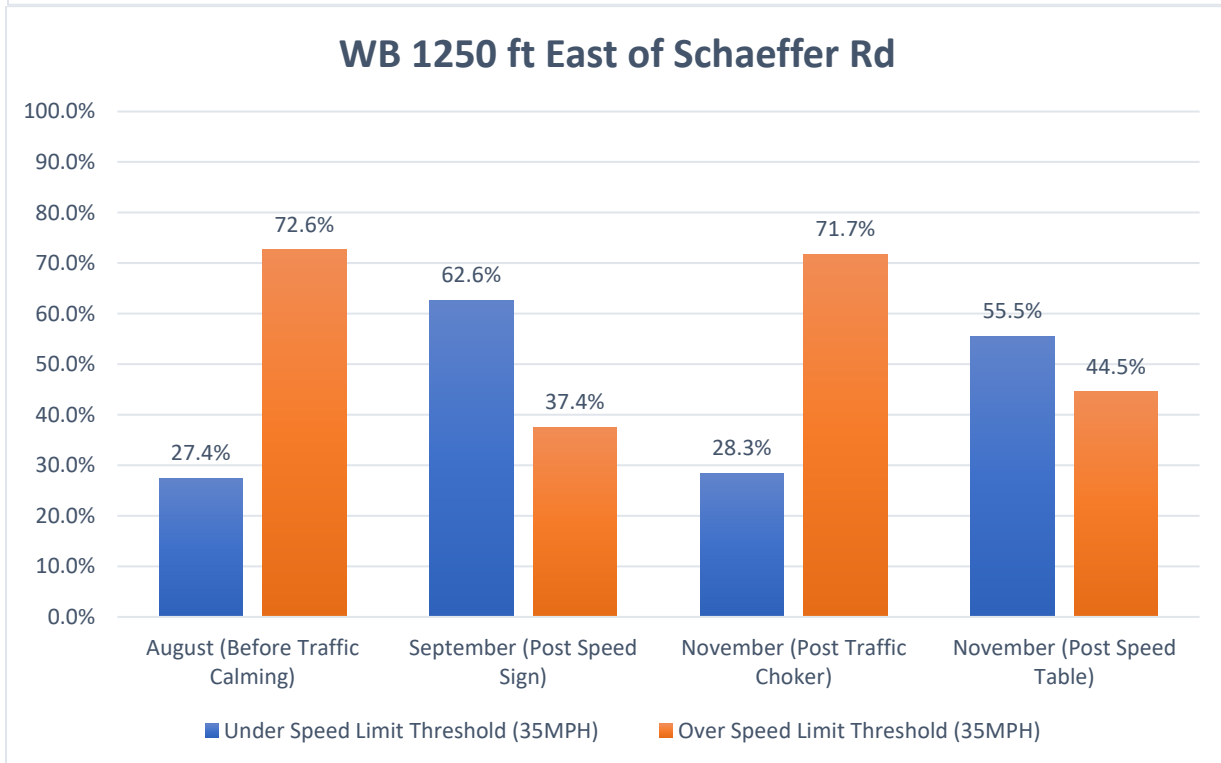
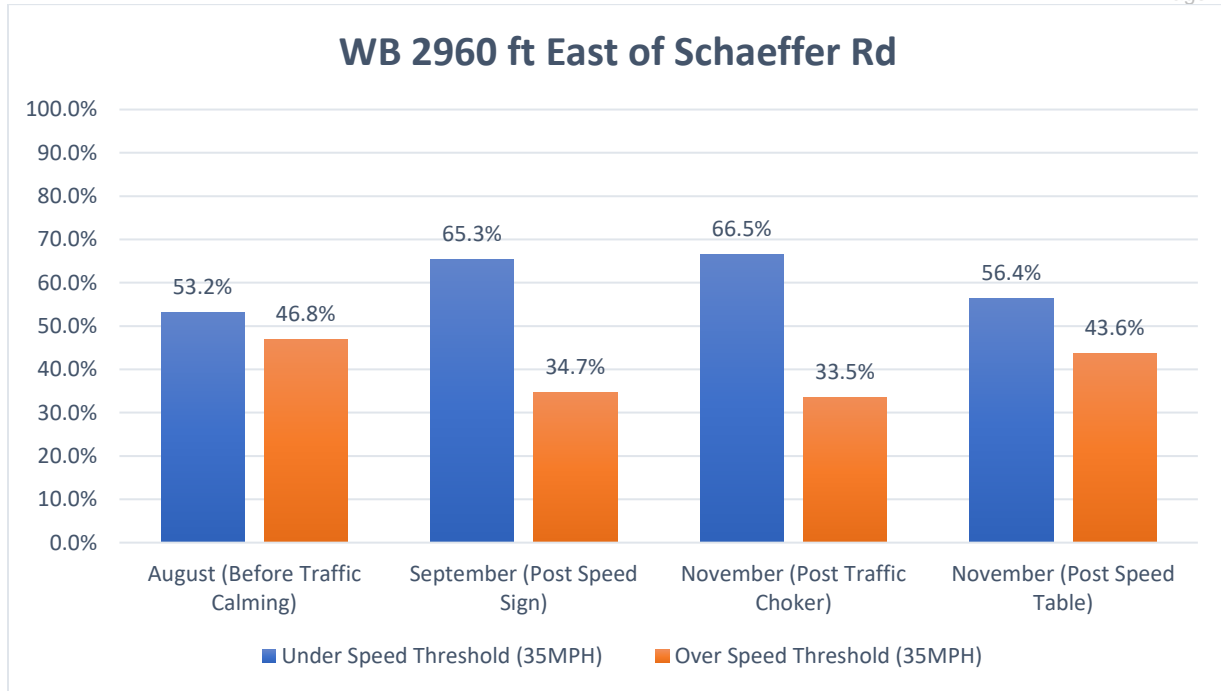




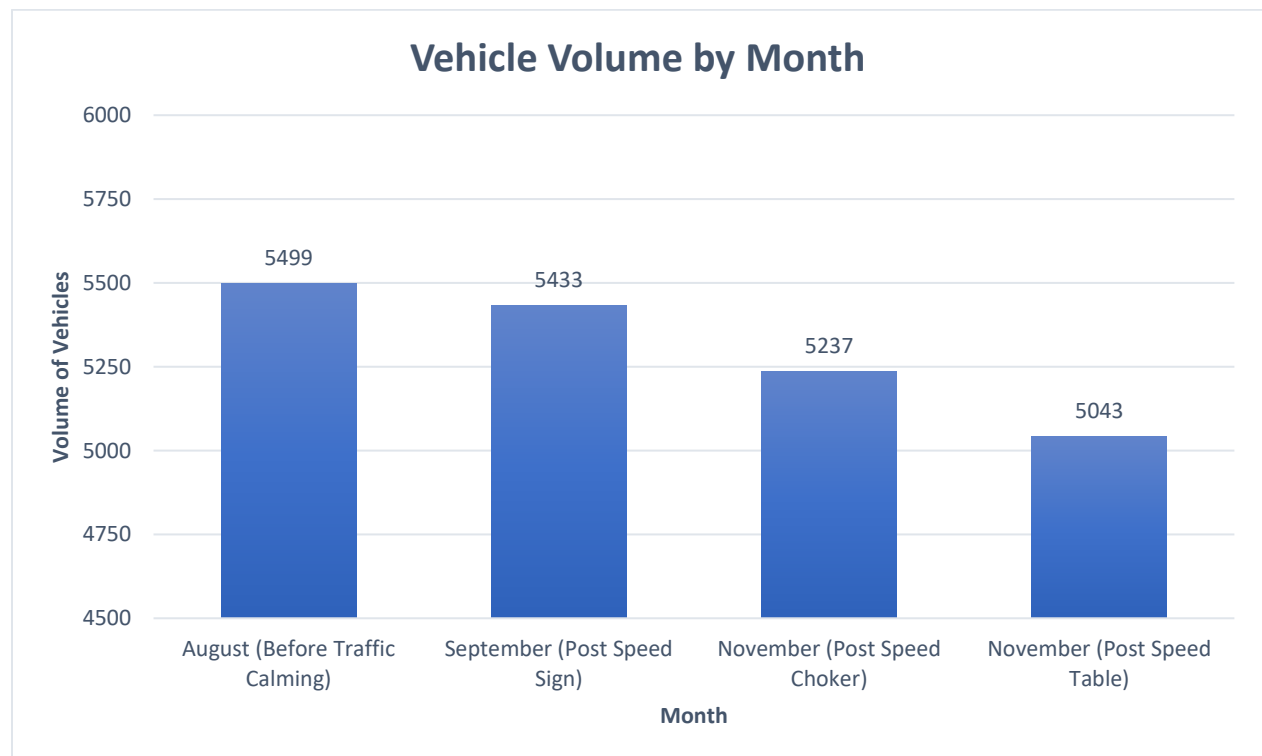
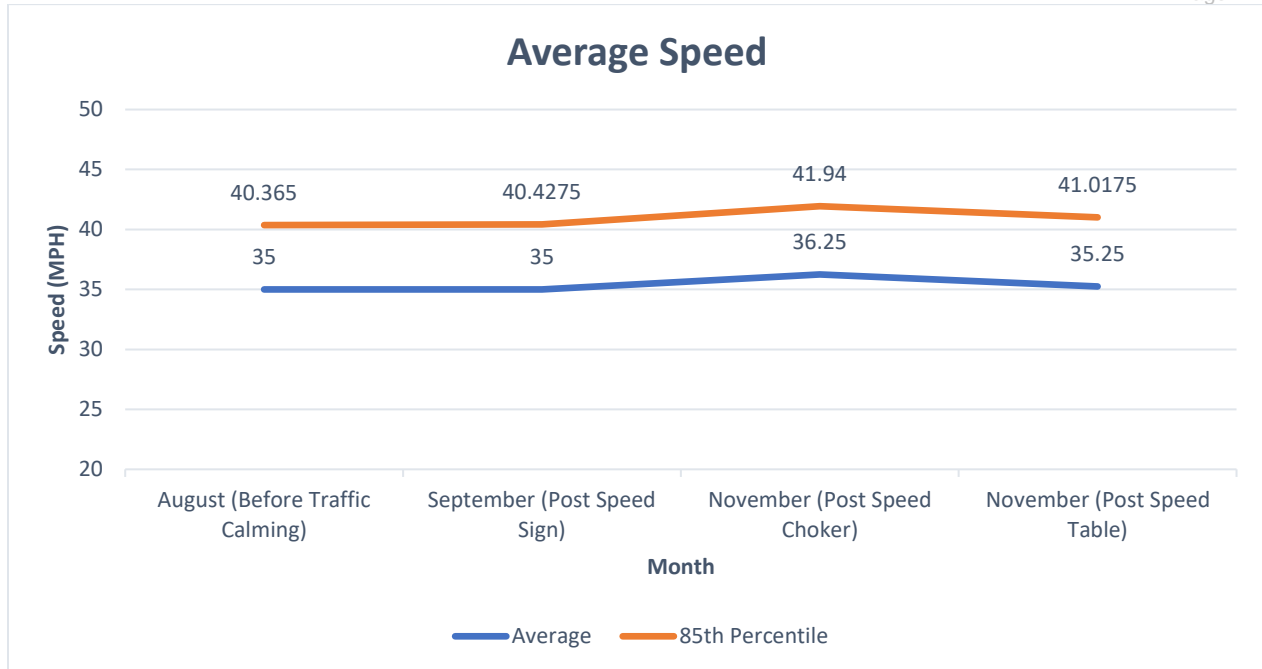
These following graphs show the percentage of vehicles traveling over and under 35 mph. Industry standard is to group speeds in increments of 5 mph. As the grouping is from 30-34 mph, data for vehicles that are “speeding” starts at 35 mph.

In general, most vehicles were traveling at/near the speed limit at the traffic count location 2,960-feet east of Schaeffer (nearer to Arlington Heights Road). Conversely, vehicles speeds varied greatly, with the majority of vehicles speeding at the traffic count location 1,250-feet east of Schaeffer Road. This is opposite of what could be expected as the traffic calming devices were installed closer to Schaeffer Road.





These graphs below show the change in average volume and speed by month. The post-speed sign data from September had a very minimal change compared to the baseline. The post-choker data from November had the highest average vehicle speeds but the second smallest volume of vehicles. The decrease in volume could be a result of the speed choker, as vehicles may have still been avoiding the Checker Road due to the speed choker.



SPEED DATA CONCLUSION

Overall, the choker was the most effective traffic calming measure to reduce vehicle speeds. The speeds near the choker were significantly lower than any other measure, although most were still speeding. The average speed and volume of cars were much lower while the speed choker was up as well. The speed sign had a small change in driver speed, but that change was not reflected in any significant change in driver behavior, once removed. Removal of the traffic calming measures has an inverse effect as drivers speed up and drive faster once they are removed.

PUBLIC FEEDBACK

The Village also received feedback from the public, in the form of emails, voicemails and videos. The feedback included complaints stating that they did not like the choker and wanted it removed. Other feedback was complaints stating concerns such as safety, improper lighting, and a lack of necessity. The lack of necessity was the most mentioned complaint as the feedback cited this section of Checker Road does not have common car/pedestrian accidents.

There was also feedback stating that the choker was working great but would recommend moving it further east. The other stated that drivers were times confused by the choker or disregarding it entirely (which was also evidenced by a video).

Only one comment was received for the speed table, stating that it was ruining the vehicle's suspension.

In review of the feedback, our interpretation is that all traffic calming devices were "new" and motorists were not accustomed to them. This is common and drivers become familiar with traffic calming measures over time, for instance, motorists successfully maneuver the traffic choker (one-lane bridge) on Long Grove Road at the Village limits.

The other comments about not liking the traffic calming measures and feedback of ruining a vehicle's suspension also indicate a newness of the traffic calming measure. While the newness typically subsides, the "in the moment" feedback indicates that motorists took notice of the measures and weren't totally ignored.

PERMANENT TRAFFIC CALMING MEASURE COSTS

The beta tests included temporary traffic calming measures. Should the Village wish to pursue any of the measures on an ongoing basis, they need to be more permanent. That is, the choker needs to be constructed with curb and gutter in lieu of water-filled jersey barriers and the speed table needs to be concrete in lieu of hard rubber.

The temporary electronic speed sign was borrowed from the Village of Kildeer. The Village of Kildeer has two-12" speed display signs with a data package to collect the data. The costs for the two display signs and data package were \$9,500. We note the Village of Kildeer received a grant to offset the costs of the signs to the Village.

A Preliminary Engineer's Opinion of Probable Cost for a permanent choker is:

PRELIMINARYENGINEER'S OPINION OF PROBABLE COST					
CHECKER ROAD CHOKER					
Village of Long Grove					
GHA Project #: 5000.106					
Date: 1/25/2023					
Prepared by: Ken Meek					
Checked by: Geoff Perry, PE					
PRELIMINARY EOPC					
ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
1.	TOPSOIL FURNISH AND PLACE, 6"	25	SQ YD	\$15.00	\$375.00
2.	SEEDING, CLASS 2A	25	SQ YD	\$15.00	\$375.00
3.	EROSION CONTROL BLANKET	25	SQ YD	\$15.00	\$375.00
4.	COMBINATION CURB AND GUTTER, TYPE B-6.12	150	FOOT	\$80.00	\$12,000.00
5.	SAW-CUTS (FULL DEPTH)	150	FOOT	\$1.00	\$150.00
6.	PAVEMENT REMOVAL, 6"	50	SQ YD	\$60.00	\$3,000.00
7.	TRAFFIC CHOKER REFLECTOR SIGN	4	EACH	\$500.00	\$2,000.00
8.	TRAFFIC CHOKER APPROACH SIGN	2	EACH	\$500.00	\$1,000.00
9.	PAVEMENT MARKING REMOVAL, 4" DOUBLE YELLOW	67	SQ FT	\$2.50	\$167.50
10.	PAVEMENT MARKINGS, 24" STOP BAR	22	LF	\$10.00	\$220.00
11.	SPLIT RAIL FENCE, INCL. POSTS	150	FT	\$75.00	\$11,250.00
12.	MOBILIZATION	1	L SUM	\$5,000.00	\$5,000.00
13.	TRAFFIC CONTROL & PROTECTION	1	L SUM	\$3,500.00	\$3,500.00
Sub-Total:					\$39,412.50
Contingency (10%):					\$3,941.25
CONSTRUCTION EOPC TOTAL:					\$43,353.75

A Preliminary Engineer's Opinion of Probable Cost for a speed table is:

PRELIMINARY ENGINEER'S OPINION OF PROBABLE COST					
CHECKER ROAD SPEED TABLE					
Village of Long Grove					
GHA Project #: 5000.106					
Date: 2/15/2023					
Prepared by: Ken Meek					
Checked by: Geoff Perry, PE					
PRELIMINARY EOPC					
ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
1.	TOPSOIL FURNISH AND PLACE, 6"	25	SQ YD	\$5.00	\$125.00
2.	SEEDING, CLASS 2A	25	SQ YD	\$5.00	\$125.00
3.	EROSION CONTROL BLANKET	25	SQ YD	\$5.00	\$125.00
4.	COMBINATION CURB AND GUTTER, TYPE B-6.12	50	FOOT	\$50.00	\$2,500.00
5.	SAW-CUTS (FULL DEPTH)	50	FOOT	\$1.00	\$50.00
6.	PAVEMENT REMOVAL, 6"	65	SQ YD	\$55.00	\$3,575.00
7.	PCC CONCRETE PAVEMENT, 8"	65	SQ YD	\$75.00	\$4,875.00
8.	SPEED TABLE REFLECTOR SIGN	4	EACH	\$125.00	\$500.00
9.	SPEED TABLE APPROACH SIGN	2	EACH	\$250.00	\$500.00
10.	SPEED TABLE STRIPING (SPECIAL)	1	L SUM	\$750.00	\$750.00
11.	MOBILIZATION	1	L SUM	\$3,000.00	\$3,000.00
12.	TRAFFIC CONTROL & PROTECTION	1	L SUM	\$2,000.00	\$2,000.00
				Sub-Total:	\$18,125.00
				Contingency (10%):	\$1,812.50
				CONSTRUCTION EOPC TOTAL:	\$19,937.50

RECOMMENDATION

From the data obtained, vehicles are regularly speeding on Checker Road, near Schaeffer Road, which is the most densely populated residential area along the corridor. Although the data shows that vehicle speeds and volumes were impacted by the traffic calming measures, the data shows there were more vehicles speeding near Schaeffer Road during the beta testing period. As noted above, most vehicles were not speeding nearer Arlington Heights Road during the best testing period.

Both the temporary choker and temporary speed tables resulted in increased vehicle speeds once motorists were east of the calming measures. Although both measures were effective in controlling vehicle speeds at them, motorists were speeding once through them, indicating driver annoyance.

The volume of cars dropped 8% over the course of the beta testing period (5,499 to 5,043). The Village has not obtained the data from Buffalo Grove as to how many vehicles traveling on Checker Road are using this route as a "cut through." We recommend the Village wait for this information to determine the percentage of vehicles using this route as a cut through, then comparing that to the volume drop of 8%. We suspect that the 8% drop is cut through traffic as the local residents would have likely continued to use this route in lieu of using alternative routes. There are likely other contributing factors to fluctuations in vehicle volume, such as time of year, weather, fluctuating fuel prices, etc. This analysis is only based on vehicle speed and volume.

Checker Road is owned and maintained by Long Grove and, in accordance with the Bureau of Local Roads and Streets Manual, the Village has the rights to reduce the speed limit by Ordinance. The speed limit can be reduced to not less than 25 mph in residential districts.

The data shows that more vehicles speed once they travel through the traffic calming measure; multiple traffic calming measures, at least three, would be needed along the corridor to effectively reduce speeds throughout. This would increase costs. Our office recommends reducing the speed limit to 25 mph and increasing enforcement.



All Traffic Solutions Inc.
 14201 Sullyfield Circle,
 Ste 300
 Chantilly, VA 20151
 Phone: 814-237-9005
 Fax: 814-237-9006
 DUNS #: 001225114
 Tax ID: 25-1887906
 CAGE Code: 34FQ5

QUOTE Q-68168

DATE: 05/23/2022

PAGE NO: 1

Mail Purchase Orders to:

3100 Research Dr.
 State College, PA
 16801

Contract:
GSA: GS-07F-6092R

**Questions contact:
 MANUFACTURER:
 All Traffic Solutions**

Owen Lauerman
 (571) 549-3766
 x
 olauerman@alltrafficsolutions.co
 m

Independent Sales Rep:

BILL TO:

Kildeer Police Dept
 21911 Quentin Rd
 Kildeer IL 60047

SHIP TO:

Kildeer Police Dept
 21911 Quentin Rd.
 Kildeer IL 60047
 Attn: Geoff Perry

Billing Contact: 0034u00002ih8hPAAQ

PAYMENT

TERMS:
 Net 30

CUSTOMER: Kildeer
 Police Dept

CONTACT:(847) 438-6000

ITEM NO:	DESCRIPTION:	QTY:	EACH:	EXT. PRICE:
4000561	Shield 12 Speed Display; base unit w/ mounting bracket	2	\$2,697.73	\$5,395.46
4000647	App, Traffic Suite (12mo); Equip Mgmt, Reporting, Image Mgmt, Alerts, Mapping and PremierCare	2	\$1,284.63	\$2,569.26
4000874	All Options Activation: Bluetooth, Traffic Data, Violator Alert, Pictures, (\$3000 Value, requires Traffic or Message Suite)	2	\$0.00	\$0.00
4000743	LFP Power kit, 10Ah battery (2), internal power controller, charger w/connector	2	\$642.32	\$1,284.64
4001299	3 Year Warranty	2	\$0.00	\$0.00
4001626	VZW communications prep	2	\$0.00	\$0.00
4000641	Shipping and Handling Common Carrier	1	\$200.00	\$200.00

Special Notes:

SALES AMOUNT: \$9,449.36

TOTAL USD: \$9,449.36

Duration: This quote is good for 60 days from date of issue.

Shipping Notes: All shipments shall be FOB shipper. Shipping charges shall be additional unless listed on quote.

Taxes: Taxes are not included in quote. Please provide a tax-exempt certificate or sales tax will be applied.

Warranty: Unless otherwise indicated, all products have a one year warranty from date of sale. Warranty extensions are a component of some applications that are available at time of purchase. A Finance Charge of 1.5% per month will be applied to overdue balances. GSA GS-07F-6092R

Authorization: By Signing below, I indicate that my organization does not require a purchase order and I am

authorized to commit my organization to this order.

Signature: _____ Date: _____

Print Name: _____ Title: _____

Greg Jackson

From: Natalie Benner
Sent: Friday, October 7, 2022 2:56 PM
To: Greg Jackson
Cc: Geoff Perry
Subject: FW: Form submission from: Contact Us

Natalie Benner

Management Analyst



[Village of Long Grove](#)

Ph (847) 634-9440

Fax (847) 634-9408

3110 Old McHenry Rd

Long Grove IL 60047

From: GARY B KATZ <garybkatz@comcast.net>
Sent: Friday, October 7, 2022 2:37 PM
To: Natalie Benner <nbenner@longgroveil.gov>
Subject: RE: Form submission from: Contact Us

BTW, I'm no expert, but I'm guessing the placement, design and lighting for that barrier is not in compliance with IDOT safety requirements. If there is a crash between now and the 18th, the Village could face some liability.

Gary

On 10/07/2022 10:21 AM Natalie Benner <nbenner@longgroveil.gov> wrote:

Hello Gary,

This traffic calming study was approved by the Village Board of Trustees. It's gathering data to help provide the board with information to determine if a traffic calming device is needed on this road.

I've passed your safety concerns to the Village Engineer. The choker is scheduled to be removed Tuesday, October 18th.

Your patience is appreciated.

Thank you,

Natalie

Natalie Benner

Management Analyst



[Village of Long Grove](#)

Ph (847) 634-9440

Fax (847) 634-9408

3110 Old McHenry Rd

Long Grove IL 60047

From: Long Grove Illinois <longgrove-il@municodeweb.com>

Sent: Thursday, October 6, 2022 8:54 AM

To: Natalie Benner <nbenner@longgroveil.gov>

Subject: Form submission from: Contact Us

Submitted on Thursday, October 6, 2022 - 8:53am

Submitted by anonymous user: 73.209.26.32

Submitted values are:

First Name Gary

Last Name Katz

Email garybkatz@comcast.net

Question/Comment

I just noticed a new traffic calming device on Checker Rd., between Arlington Heights Rd. and Schaeffer. A lane-reducing barrier with a stop sign, NOT at an intersection, on an unlit road. This setup is extremely

dangerous, and it's only a matter of time until a motorist plows into the barrier, one night. It should be removed ASAP. Why it was installed in the first place is a mystery, since there is no pedestrian traffic in that vicinity, no children playing, and no history of accidents (at least no more than any other stretch of road in LG). Besides, do you think drivers want to waste gas, having to stop and start up again, for no reason, on a stretch of straight road?

The results of this submission may be viewed at:

<https://www.longgroveil.gov/node/7/submission/29293>

Greg Jackson

From: Melissa Wiak
Sent: Sunday, November 13, 2022 11:54 AM
To: Greg Jackson; Geoff Perry
Subject: FW: Comcast Business voicemail from 8473440355
Attachments: voicemail.wav

Guys,

Looking you in on this one. Please let me know how I should respond.



Melissa Wiak, MPA
Assistant Village Manager
Village of Long Grove, Illinois

Phone 847-634-9440 **Fax** 847-634-9408
Web www.longgroveil.gov
Email mwiak@longgroveil.gov
3110 Old McHenry Road, Long Grove, IL 60047

"The mission of Long Grove's municipal government is to deliver public goods and services efficiently, effectively, and equitably, never compromising the public trust or the belief that government should serve a higher purpose. Through collaborative governance, stakeholder engagement and the highest levels of transparency this unit of local government will pursue excellence over mediocrity in all areas of public policy and administration."

From: noreply-tpbus.mobility@bl.comcast.net <noreply-tpbus.mobility@bl.comcast.net>
Sent: Friday, November 11, 2022 4:25 PM
To: Melissa Wiak <mwiak@longgroveil.gov>
Subject: Comcast Business voicemail from 8473440355

**COMCAST
BUSINESS**

Comcast Business Voicemail from 8473440355.

37 seconds

Hello my name is Linda Cardell. I live in ... 12 3750 and I am calling to issue a complaint about the bumps that are on Checker Drive in Long Grove. They're really a nuisance and they're not located in very good spots and we just would like them removed. We travel on Checker Drive very often

and we're asking that they be removed. If you have any questions call me at 847-344-0355. Thank you.

This is a service-related email. Comcast will occasionally send you service related emails to inform you of service upgrades or new benefits. Services and features are subject to Comcast's standard terms and conditions of service and are subject to change.

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One Comcast Center
1701 JFK Blvd
Philadelphia, PA 19103-2838
Attn: Comcast Interactive Media

Greg Jackson

From: Michael Mayes <mmayes007@icloud.com>
Sent: Tuesday, November 8, 2022 4:18 PM
To: Denise Rosenquist
Subject: Traffic Calming Options

Hi, I live in Long Grove in Country Club estates and drive on Checker often. The average speed on checker when I'm on it is usually around 35-40 mph. I've never personally witnessed unsafe driving. This seems appropriate for a road such as Checker that does not run through a neighborhood.

The traffic calming initiative there seems a total waste of village resources in the absence of any accident or event that shows a true cause for concern. If there is a spike in traffic accidents on Checker I am unaware of or was a car /pedestrian accident, please let me know. I am not supportive of any measures to further reduce the speed or calm traffic in the absence of any such actual data showing actual increases safety risks, rather than simply data showing cars exceed the speed limit (which happens everywhere in Illinois).

There are not a lot of homes along Checker, the ones that are there knew they were purchasing property along a major road, there appears no danger to pedestrians as they all have large lots with long driveways, and the small handful of busybodies complaining about the large number of Long Grove residents that use Checker should not get a 1-lane alternating traffic choke because they are unhappy with the speed of cars on the road.

If the Village has extra resources to spare May I recommend increased security measures to stop the brash wave of burglaries in our neighborhood? This is a true emergency that impacts safety that should be prioritized.

Again absent a safety issue I do not support further use of village resources on this project.

Best,

Sent from my iPhone

Greg Jackson

From: Norbert Krupa <norbert.krupa@gmail.com>
Sent: Thursday, October 6, 2022 4:35 PM
To: Greg Jackson
Cc: Bill Jacob; Geoff Perry
Subject: Choker Feedback

Greg,

I just wanted to quickly provide some observations based on the choker in front of our home.

- Drivers seem to not understand what the choker is so as many just drive right through without slowing down
- Drivers are confused as to whose turn it is
- Drivers are confused as to where to stop in relation to the stop sign placement
- Drivers are still speeding off after going through the choker
- Drivers have been honking due to the confusion

Thanks,
Norbert Krupa

Greg Jackson

From: Norbert Krupa <norbert.krupa@gmail.com>
Sent: Monday, October 17, 2022 10:12 AM
To: Greg Jackson
Cc: Bill Jacob; Geoff Perry
Subject: Re: Choker Feedback

Good morning,

Here is a short clip of the efficacy of the choker while I was waiting at the bus stop with my son: <https://youtu.be/8MIEBfRsF04>

Have a good week,
Norbert

On Thu, Oct 6, 2022 at 4:35 PM Norbert Krupa <norbert.krupa@gmail.com> wrote:

Greg,

I just wanted to quickly provide some observations based on the choker in front of our home.

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- Drivers are confused as to where to stop in relation to the stop sign placement
- Drivers are still speeding off after going through the choker
- Drivers have been honking due to the confusion

Thanks,
Norbert Krupa

Greg Jackson

From: Melissa Wiak
Sent: Sunday, November 13, 2022 11:59 AM
To: Greg Jackson; Geoff Perry
Subject: FW: Comcast Business voicemail from 8473440351
Attachments: voicemail.wav

And another.



Melissa Wiak, MPA
Assistant Village Manager
Village of Long Grove, Illinois
Phone 847-634-9440 **Fax** 847-634-9408
Web www.longgroveil.gov
Email mwiak@longgroveil.gov
3110 Old McHenry Road, Long Grove, IL 60047

"The mission of Long Grove's municipal government is to deliver public goods and services efficiently, effectively, and equitably, never compromising the public trust or the belief that government should serve a higher purpose. Through collaborative governance, stakeholder engagement and the highest levels of transparency this unit of local government will pursue excellence over mediocrity in all areas of public policy and administration."

From: noreply-tpbus.mobility@bl.comcast.net <noreply-tpbus.mobility@bl.comcast.net>
Sent: Friday, November 11, 2022 1:47 PM
To: Melissa Wiak <mwiak@longgroveil.gov>
Subject: Comcast Business voicemail from 8473440351

**COMCAST
BUSINESS**

Comcast Business Voicemail from 8473440351.

1 minute 16 seconds

Melissa my name is shirley-cardell(?) I live at 12:37 in Cedar Drive that's calling with jason-nt(?) ... long time resident of Long grove for 20 years. I wanna express my opinion on the check the road speed I think is totally unnecessary and even if you do put it in there. It's absurd where they been placed in the middle of nowhere and so one I don't want speed bump but to forward-the-place(?) 60 cents and then three. We don't want any choker I dried that-checker(?) Road at least twice every single day when I'm in town. My phone number is 847-344-0351. My suggestion is that

long gross-sets(?) up a speed trap and get it out hundred dollar tickets and I tell you get down slow the traffic for the few people that do complain but anyway(?) so Chris and I don't want speed bumps at the speed bumps is be ... they(?) ... them. 847-344-0351. Thanks. Bye bye. Call anytime.

This is a service-related email. Comcast will occasionally send you service related emails to inform you of service upgrades or new benefits. Services and features are subject to Comcast's standard terms and conditions of service and are subject to change.

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One Comcast Center
1701 JFK Blvd
Philadelphia, PA 19103-2838
Attn: Comcast Interactive Media

Greg Jackson

From: Greg Jackson
Sent: Wednesday, October 12, 2022 8:46 AM
To: Steven Holland
Subject: RE:

Steve -

Thanks for the feedback!



Gregory Jackson, MPA, ABD
Village Manager
Village of Long Grove

Phone: 847-634-9440
Email: gjackson@longgroveil.gov

3110 Old McHenry Road
Long Grove, IL 60047

www.longgroveil.gov

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From: Steven Holland <stevenaholland@gmail.com>
Sent: Wednesday, October 12, 2022 8:43 AM
To: Greg Jackson <gjackson@longgroveil.gov>
Subject:

The pinch on Checker is terrific.

Admittedly, I have no ideas on its placement considerations. From using it, though, and observing traffic in front of my house, perhaps it would be better further east.

Again, it's great!

Steve Holland

Greg Jackson

From: Steven Holland <stevenaholland@gmail.com>
Sent: Tuesday, October 18, 2022 2:59 PM
To: Greg Jackson

Bring back the pinch.

Steve Holland

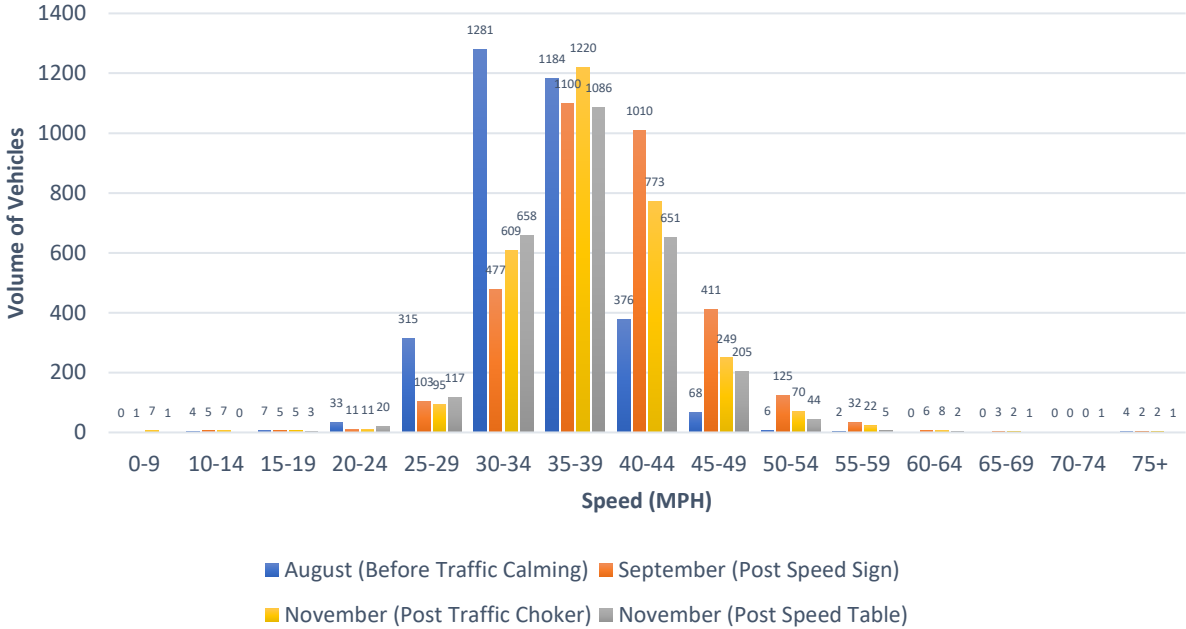
Greg Jackson

From: Terry Crowley <tcMohns@comcast.net>
Sent: Thursday, November 10, 2022 4:13 PM
To: Greg Jackson
Subject: Speed bumps

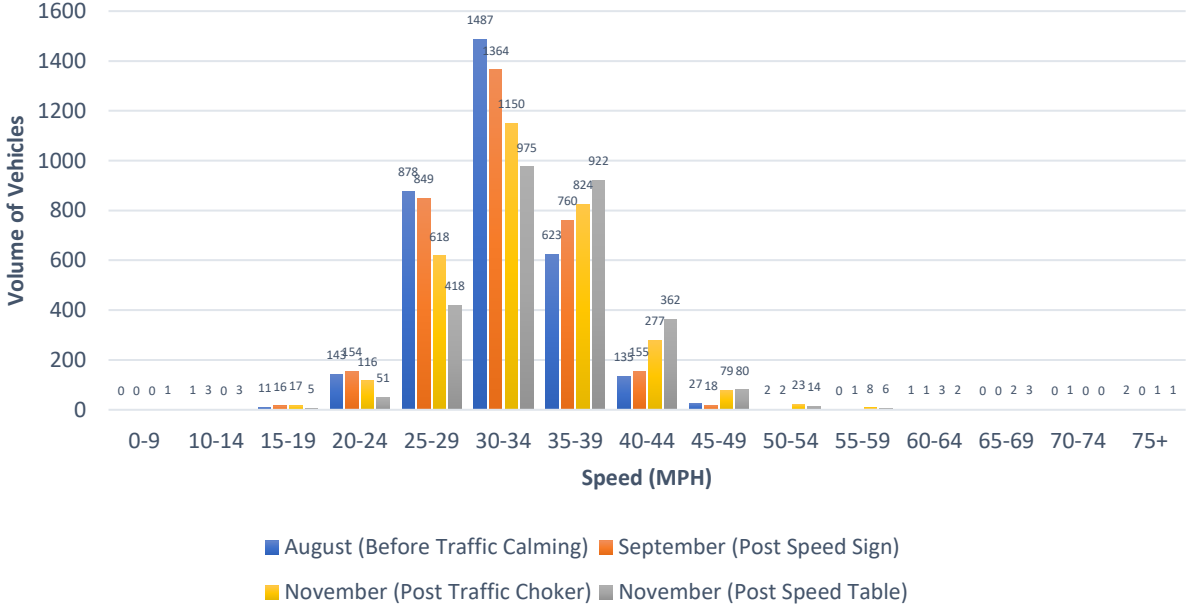
No good. Ruining my suspension

Terry Crowley
Long Grove Illinois 60047
847-612-2367

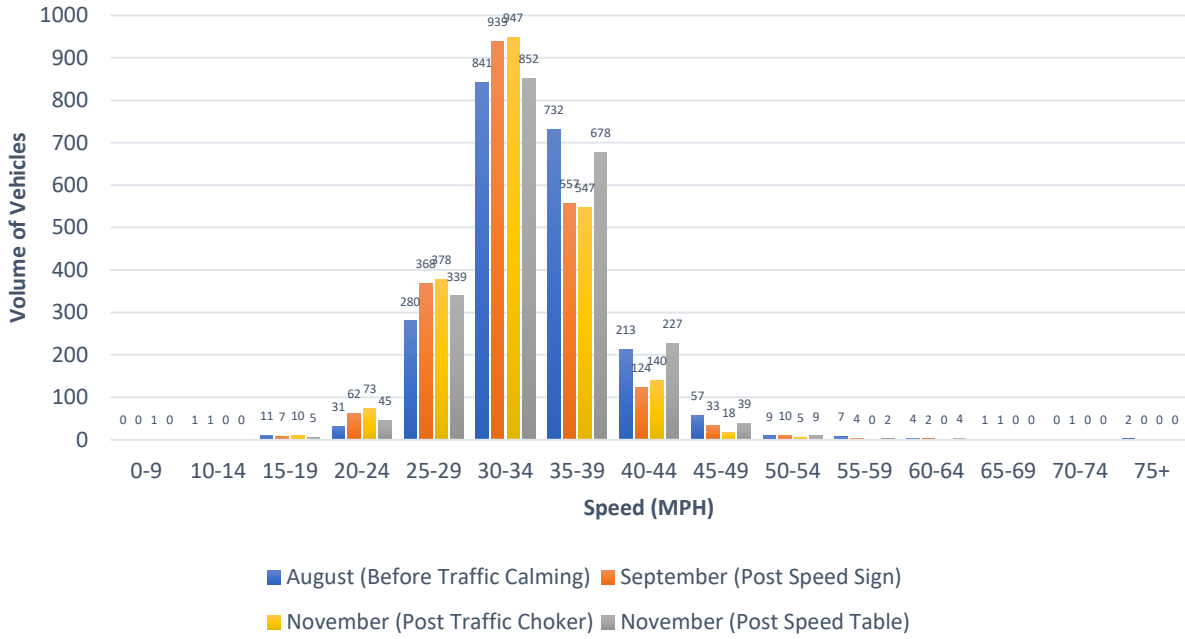
EB 1250 ft East of Schaeffer Rd



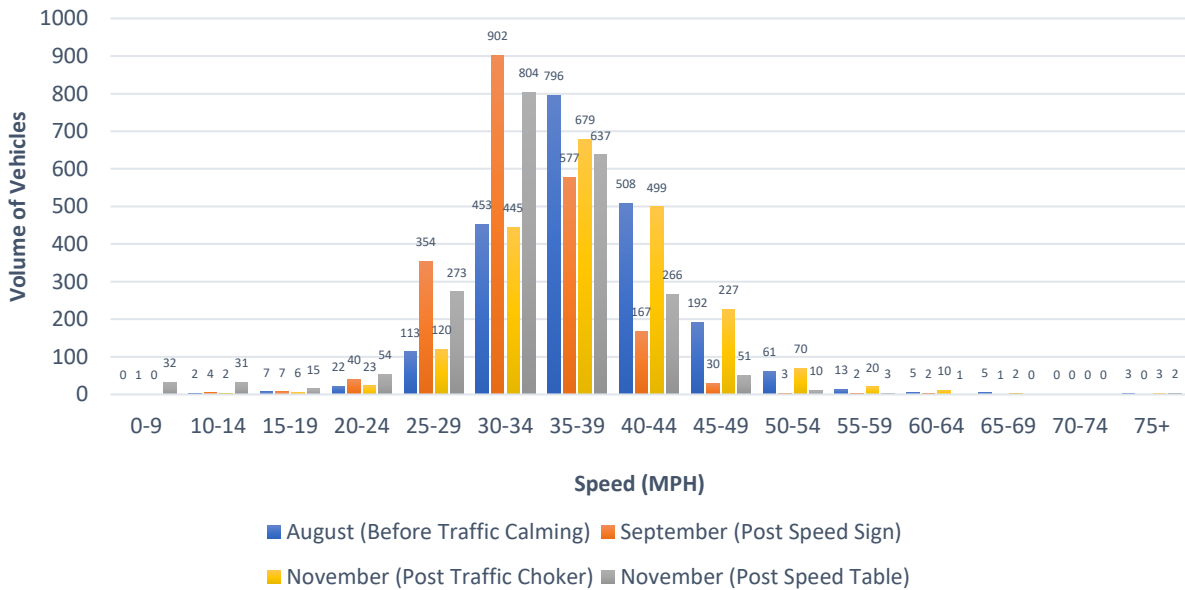
EB 2960 ft East of Schaeffer Rd



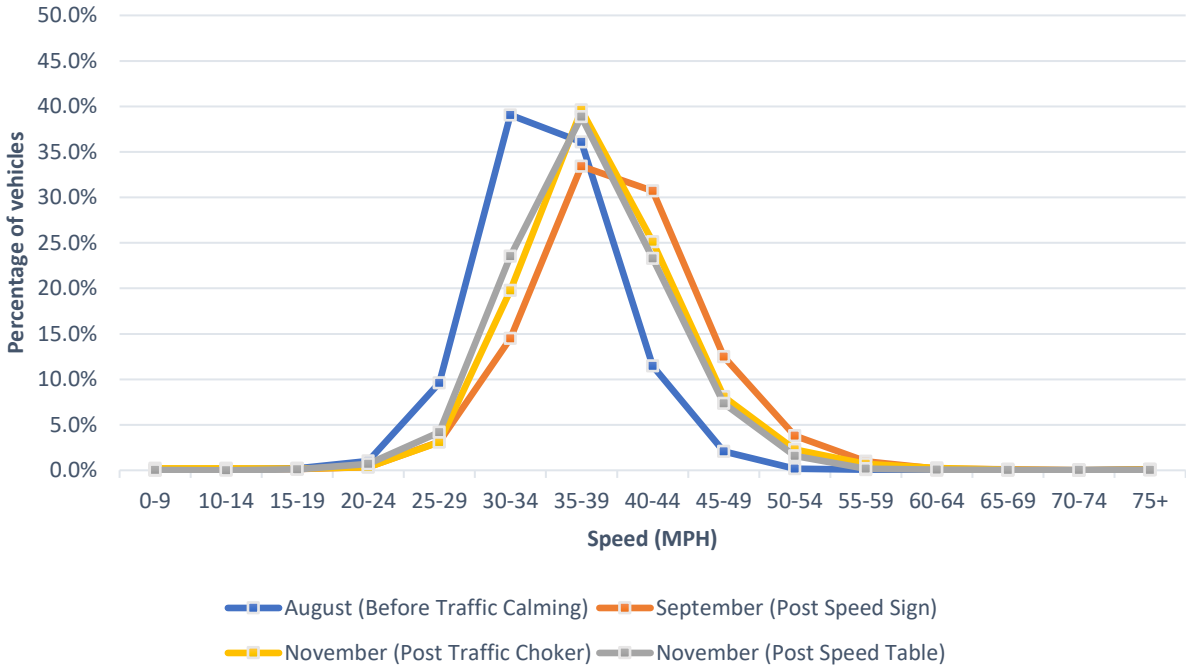
WB 2960 ft East of Schaeffer Rd



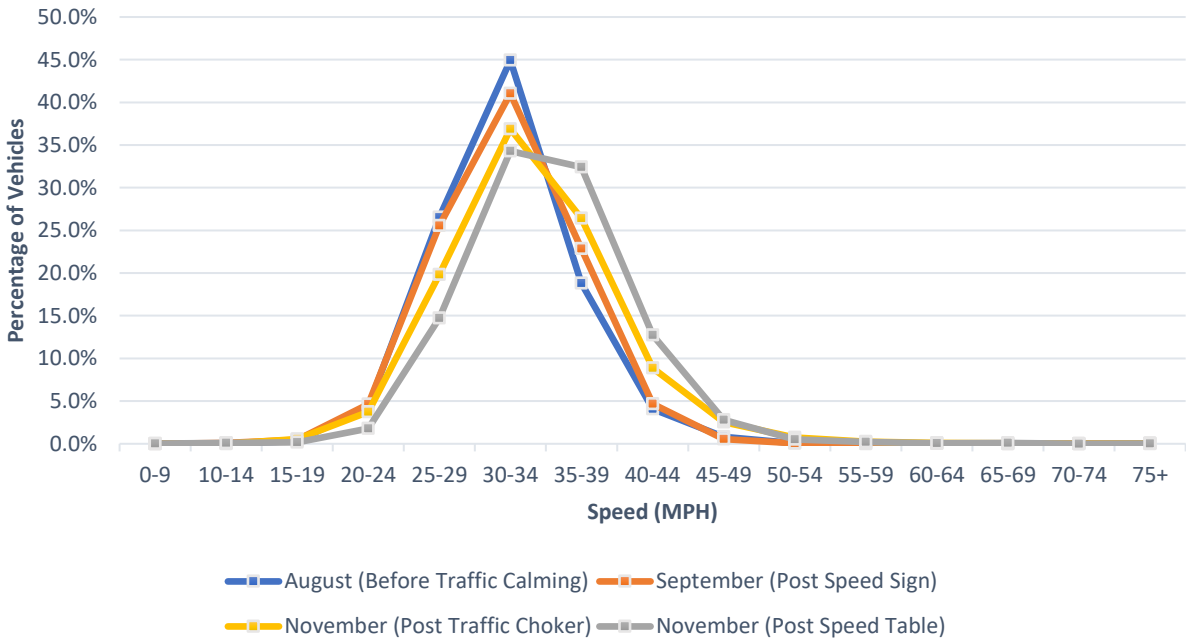
WB 1250 ft East of Schaeffer Rd



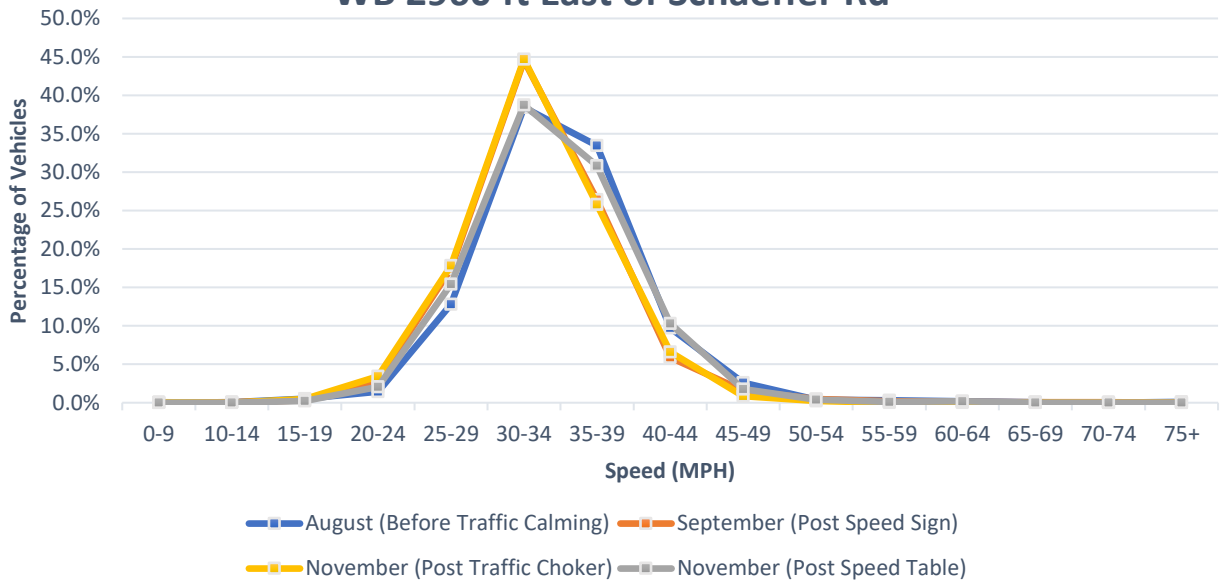
EB 1250 ft East of Schaeffer Rd



EB 2960 ft East of Schaeffer Rd



WB 2960 ft East of Schaeffer Rd



WB 1250 ft East of Schaeffer Rd

