

# TERMON AVENUE TRAFFIC CALMING



Pittsburgh Department of  
Mobility and Infrastructure

Traffic Bureau

March 16, 2022

# Termon Ave Traffic Speed and Volume Data

## Installed between Brighton Road and California Avenue

- 2021
  - Average Daily Traffic: 3,000 vpd
  - Median Speed: 33 mph
  - 85th Percentile Speed: 37 mph
  - Percent of Motorists Driving over the Speed Limit: 95%

Location: Termon  
Cross Street: California  
Cross Street: Brighton  
Neighborhood: Brighton Heights  
Dates: 7/9/2021 7/20/2021  
Sensor type: StatTrak  
Inbound: Westbound

H6	Westbound	OUT	All
85% speed	38	37	37
95% speed	42	40	41
Median sp	33	33	33
Cars over 6	14698	18678	33376
Heavy Veh	0		
Speed Limi	25		
Max Speed	69		
Avg below	21.9	21.7	21.8
Average sp	33.7	33.3	33.5
% over 25	95%	95%	95%
% over 35	30%	25%	27%

		Westbound	OUT	Total
partial	7/9	860	1129	1989
Sat	7/10	1253	1648	2901
Sun	7/11	982	1443	2425
Mon	7/12	1331	1683	3014
Tue	7/13	1346	1805	3151
Wed	7/14	1508	1844	3352
Thu	7/15	1507	1869	3376
Fri	7/16	1443	1768	3211
Sat	7/17	1213	1594	2807
		Avg cars/day	ADT	
		1339	1723	3061

VOL BY HOUR						SPEED BY HOUR		
	Westbound		OUT		OVERALL		Westbound	OUT
	Total	Avg/day	Total	Avg/day			mph	mph
00:	176	16	294	27	43	1.4%	33	34
01:	111	10	187	17	27	0.9%	34	34
02:	60	5	138	13	18	0.6%	34	35
03:	69	6	106	10	16	0.5%	33	34
04:	106	10	57	5	15	0.5%	35	35
05:	252	23	128	12	35	1.1%	34	34
06:	422	38	382	35	74	2.4%	35	34
07:	742	68	610	56	124	4.1%	33	33
08:	824	75	710	65	141	4.6%	33	32
09:	816	74	889	82	156	5.1%	32	32
10:	815	74	977	90	164	5.4%	32	32
11:	847	77	1061	98	175	5.7%	33	32
12:	913	83	1291	119	202	6.6%	32	32
13:	962	88	1218	112	200	6.5%	33	32
14:	980	89	1218	112	202	6.6%	33	33
15:	1053	96	1349	124	220	7.2%	34	33
16:	1097	100	1419	131	231	7.5%	34	33
17:	997	91	1439	133	224	7.3%	34	33
18:	813	74	1270	117	191	6.2%	34	33
19:	790	72	1134	105	177	5.8%	33	33
20:	667	61	892	82	143	4.7%	33	33
21:	546	50	830	77	126	4.1%	33	33
22:	378	34	640	59	93	3.1%	33	33
23:	262	24	439	40	64	2.1%	33	34

# Termon Ave Crash Data

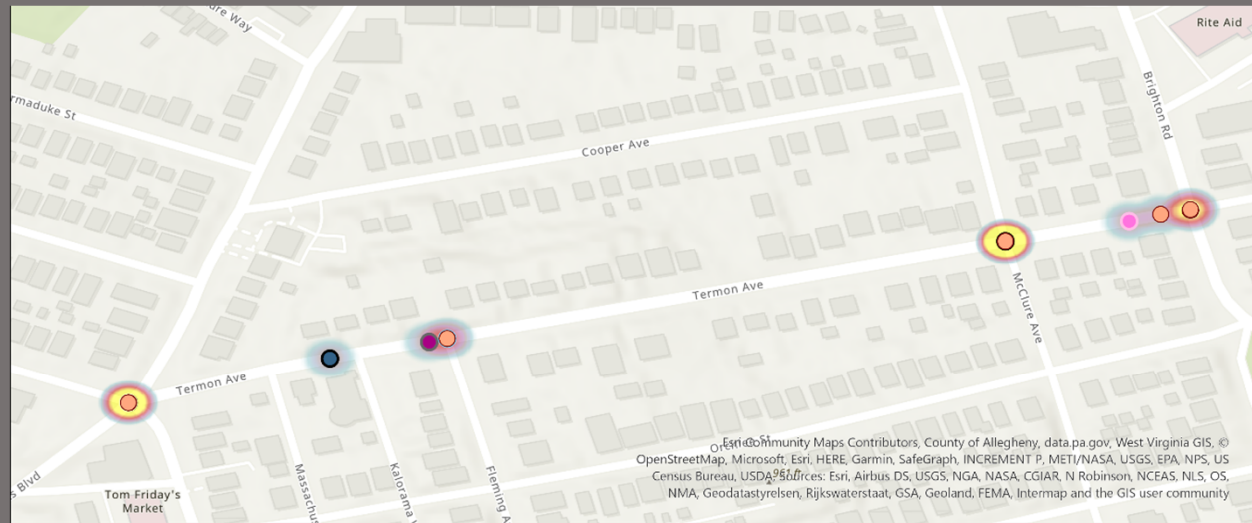
Date range: 2016-2020

Limits: Brighton Road to California Avenue

Light/Road Condition	Number of Crash
Dark - street lights	6
Dry	3
Wet	3
Daylight	21
Dry	20
Wet	1
<b>GrandTotal</b>	<b>27</b>

Type of Crash	Number of Crash
Angle	18
Head-on	1
Hit fixed object	2
Non collision	1
Rear-end	1
Sideswipe (same dir.)	4
<b>GrandTotal</b>	<b>27</b>

3/18/2022

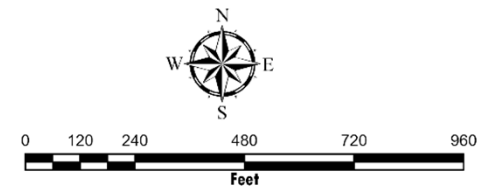


## CRASH TYPE & HEAT MAP

2016-2020

- Angle
- Head-on
- Hit fixed object
- Non collision

- Rear-end
- Sideswipe (same dir.)
- Sparse
- Dense



Year	Injury/ Unknown Severity	Not injured	Possible Injury	Suspected Minor Injury	Suspected Serious Injury	Unknown	Grand Total
2016	1	1	1				3
2017	2	1			1	3	7
2018	1	4		3			8
2019		5		1			6
2020	1	2					3
<b>GrandTotal</b>	<b>5</b>	<b>13</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>27</b>

Termon Avenue Traffic Calming

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# Chicanes

- Series of bumpouts on alternating sides of street that induce slower speeds by creating a S-shaped roadway
- Parking is maintained through length of corridor and alternates sides as a condition of the chicane however does require parking removal through limit of chicane





# Rendering of Chicanes

- Pilot Project
  - Re-strip road
  - Self-watering planters designed for in-roadway use
  - Bollards or flexposts for sight lines and delineation of movement





Boston, Mass.

3/18/2022



39th Street, Birmingham, Alabama

Termon Avenue Traffic Calming



# Traffic Circles

- Raised island in middle of intersection that requires all vehicles entering intersection to yield to those already in circle
- Effective at calming speeds and eliminating dangerous angle crashes







N. Euclid Avenue, Highland Park



Coral Street, Friendship

# Termon Ave Timeline

## Project Schedule

- May 27: Traffic Calming requested
- June 7: Application confirmed
- July 20: Data Collection complete
- November 3: Public Meeting #1
- March 16 2022: Public Meeting #2
- ***May/June 2022: Construction including chicane pilot and permanent traffic circle***
- ***June – October 2022: Post-construction evaluation and final determination***
- ***Spring 2023: Permanent installation of chicanes pending evaluation***



# COMMENTS & QUESTIONS



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