

**Town of Vienna, Virginia
Police Department**

MEMORANDUM

TO: Town Council

FROM: Lt. Tom Taylor, Operation Commander 

CC: Col. Jim Morris, Chief of Police

DATE: March 13, 2017

SUBJECT: Patrick St SW Parking Study

Attached you find the completed traffic study along with a copy of the Town Code and the petition request for restricted parking for Patrick St. SW between Desale St. and Cottage St SW. This request required the Police Department to do a parking study of Patrick St.

This study was conducted during a three week period from February 6th, 2017 thru February 26th, 2017. During the study the area was checked for parked vehicles in the requested area. The area was checked three times a night. Those times were 8pm, Midnight, and 4am. The license plates for each vehicle parked were taken down and run to see where the vehicle returned. Some of the vehicle returns did not return to the apartments or addresses on Patrick Street and did not appear to be visiting one of the residents of the area. These are listed on the charts as unknown. Listed on the chart you will see a highlighted row for each week titled "% APT/Unk" this row demonstrates the percent of vehicles from the apartments added to the unknowns.

Measurements of the road were taken to estimate the total number of available parking spaces for this area. The measurements were used in conjunction with the parallel parking space size of 22' long by 8' wide and using the spacing of 20' from a corner and 30' from a stop sign.

In light of the Town Code Section 9-12.3.1(B), the percent of the vehicles from the multifamily zone needs to be at 25% of the total available parking spaces on the street.

There was not a singular day or time that met this criterion. The Town Code also lists the need to see if the total parking on the street exceeded 65% of the total spaces available. At no time did the parking on Patrick St. meet this criterion either.

February 2017 Parking Study - Patrick St SW

Dailey Totals

Week 1

	Monday			Tuesday			Wednesday			Thursday			Friday			Saturday			Sunday			
Times	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	TOT.
Apartments	1	1	1	1	1	1	2	4	4	0	2	2	1	1	1	0	1	1	3	4	4	32
Unknown	3	3	3	3	3	3	3	3	3	4	4	4	2	2	2	2	2	3	4	4	4	64
Resident	21	21	21	20	22	21	17	21	21	17	19	18	14	15	15	10	14	17	14	15	16	286
Total	25	25	25	24	26	25	22	28	28	21	25	24	17	18	18	12	17	21	21	23	24	382
Avail. Spaces	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	1176
Total Apts/Unk	4	4	4	4	4	4	5	7	7	4	6	6	3	3	3	2	3	4	7	8	8	96
% from Apts.	2%	2%	2%	2%	2%	2%	4%	7%	7%	0%	4%	4%	2%	2%	2%	0%	2%	2%	5%	7%	7%	3%
% Apt/Unk	7%	7%	7%	7%	7%	7%	9%	13%	13%	7%	11%	11%	5%	5%	5%	4%	5%	7%	13%	14%	14%	8%
% of total Spc.	45%	45%	45%	43%	46%	45%	39%	50%	50%	38%	45%	43%	30%	32%	32%	21%	30%	38%	38%	41%	43%	32%

Week 2

	Monday			Tuesday			Wednesday			Thursday			Friday			Saturday			Sunday			
Times	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	TOT.
Apartments	1	1	1	0	3	3	0	2	2	0	2	2	2	1	4	4	2	2	2	2	2	38
Unknown	3	3	3	2	2	2	5	5	5	3	2	2	2	4	2	2	1	2	2	5	5	65
Resident	19	19	19	17	20	21	16	15	17	17	20	21	19	21	21	21	21	26	26	19	23	346
Total	23	23	23	19	25	26	21	22	24	20	24	25	24	27	27	27	24	30	30	26	30	449
Avail. Spaces	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	1176
Total Apts/Unk	4	4	4	2	5	5	5	7	7	3	4	4	5	6	6	3	4	4	4	7	7	103
% from Apts.	2%	2%	2%	0%	5%	5%	0%	4%	4%	0%	4%	4%	2%	7%	7%	4%	4%	4%	4%	4%	4%	3%
% Apt/Unk	7%	7%	7%	4%	9%	9%	9%	13%	13%	5%	7%	7%	9%	11%	11%	5%	7%	7%	13%	13%	13%	9%
% of total Spc.	41%	41%	41%	34%	45%	46%	38%	39%	43%	36%	43%	45%	43%	48%	48%	43%	54%	54%	46%	54%	54%	38%

Week 3

	Monday			Tuesday			Wednesday			Thursday			Friday			Saturday			Sunday			
Times	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	2000	mid	400	TOT.
Apartments	1	1	1	1	4	4	0	2	2	0	1	1	2	2	1	1	1	1	1	1	1	25
Unknown	2	2	2	1	1	1	2	2	2	3	2	3	3	3	4	4	4	4	5	5	5	57
Resident	20	20	20	18	21	21	19	20	20	18	19	20	18	20	19	18	19	16	16	16	17	321
Total	23	23	23	20	26	26	21	24	24	21	22	23	22	25	25	24	23	24	21	22	23	403
Avail. Spaces	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	1176
Total Apts/Unk	3	3	3	2	5	5	2	4	4	3	3	3	4	5	5	5	5	5	5	6	6	82
% from Apts.	2%	2%	2%	2%	7%	7%	0%	4%	4%	0%	2%	2%	4%	4%	2%	2%	2%	2%	2%	2%	2%	2%
% Apt/Unk	5%	5%	5%	4%	9%	9%	4%	7%	7%	5%	5%	7%	9%	9%	9%	9%	9%	9%	11%	11%	11%	7%
% of total Spc.	41%	41%	41%	36%	46%	46%	38%	43%	43%	38%	39%	41%	39%	45%	45%	43%	41%	43%	38%	39%	41%	34%

Total by day/hr

Parked Cars	71	71	71	63	77	77	64	74	76	62	71	72	63	70	70	60	70	75	68	75	77	1234
Avail. Spaces	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	3528
Apt./unk	11	11	11	8	14	14	12	18	18	10	13	13	12	14	14	10	12	13	19	21	21	281
% Apts/unk	7%	7%	7%	5%	8%	8%	7%	11%	11%	6%	8%	8%	7%	8%	8%	6%	7%	8%	11%	13%	13%	8%
% Avail Space	42%	42%	42%	38%	46%	46%	38%	44%	45%	37%	42%	43%	38%	42%	42%	36%	42%	45%	40%	45%	46%	35%