

AGENDA: TSC 3/5/12

ITEM NO. 2: Consider request to establish a MULTI-WAY STOP at the intersection of 18th Street & Ohio Street.

Facts:

1. Both 18th Street and Ohio Street are classified as "local" streets in a residential area.
2. The *Manual on Uniform Traffic Control Devices for Streets and Highways* (MUTCD), as published by the Federal Highway Administration, provides criteria for MULTI-WAY STOPS. The MUTCD states that the criteria for a MULTI-WAY STOP include "Five or more reported crashes in a 12-month period susceptible to correction by a multi-way stop installation" or "The vehicular volume entering the intersection from the major street approaches averages at least 300 vehicles per hour for any 8 hours of an average day; and The combined vehicular, pedestrian and bicycle volume entering the intersection from the minor street approaches averages at least 200 units per hour for the same 8 hours."
3. Police Department crash reports show that there was one (1) reported crash at the intersection during the past three (3) years, 2009-2011.
4. Traffic data collected January 25-26 found an average of 51 vehicles entering the intersection from the major street during the eight (8) highest hours of the day and an average of 23 vehicles entering the intersection from the minor street during the same eight (8) hours.
5. Therefore, this intersection does not meet the minimum criteria for consideration of a MULTI-WAY STOP.

MINUTES: TSC 3/5/12

ITEM NO. 2:

Consider request to establish a MULTI-WAY STOP at the intersection of 18th Street & Ohio Street.

Novotny reviewed the information provided in the staff report.

Public Comment: None.

MOTION BY COMMISSIONER MILLER, SECOND BY COMMISSIONER HARDEN, TO RECOMMEND DENYING THE REQUEST TO ESTABLISH A MULTI-WAY STOP AT THE INTERSECTION OF 18TH STREET & OHIO STREET; THE MOTION CARRIED, 8-0.

From: Katherine McBride [<mailto:katherinemcbride@gmail.com>]

Sent: Thursday, January 05, 2012 8:28 PM

To: mdever@sunflower.com

Subject: 4-way stop

Commissioner Dever,

My name is Katherine McBride and I live in an apartment complex nearby the intersection of 18th and Ohio streets. There are only stop signs at the intersection for cars driving on Ohio, and not for cars driving through 18th. Residents in the area are aware of the fact that 18th Street traffic will not stop. However, some people will drive through the intersection after stopping at the Ohio street stop signs while oncoming traffic on 18th street is approaching, expecting 18th street traffic to stop. I would suggest placement of two additional stop signs at this intersection for both directions of traffic (creating a 4-way stop) on 18th street to prevent accidents or "close calls".

Thank you for your time.

Katherine McBride



ALL WAY

Stop Warrant Worksheet



Date: January 25-26, 2012

Location: 18th Street & Ohio Street

Time Period	18th Street							Ohio Street							Grand Total
	EBLL	EB	EBRL	WBLL	WB	WBRL	Total	NBLL	NB	NBRL	SBLL	SB	SBRL	Total	
12-01		4			1		5		4			2		6	11
01-02		1			3		4		2			2		4	8
02-03		1			4		5		4			1		5	10
03-04		0			0		0		1			0		1	1
04-05		0			1		1		0			0		0	1
05-06		1			0		1		0			1		1	2
06-07		4			2		6		1			2		3	9
07-08		16			23		39		13			4		17	56
08-09		20			21		41		9			4		13	54
09-10		16			13		29		10			7		17	46
10-11		15			15		30		15			6		21	51
11-12		15			19		34		7			3		10	44
12-01		27			20		47		8			13		21	68
01-02		26			26		52		10			13		23	75
02-03		26			23		49		21			5		26	75
03-04		24			24		48		19			6		25	73
04-05		30			24		54		17			9		26	80
05-06		45			30		75		20			10		30	105
06-07		28			17		45		12			4		16	61
07-08		15			16		31		14			6		20	51
08-09		15			11		26		14			8		22	48
09-10		19			14		33		21			7		28	61
10-11		10			6		16		12			3		15	31
11-12		9			4		13		4			1		5	18
Totals	0	367	0	0	317	0	684	0	238	0	0	117	0	355	1039

The Manual on Uniform Traffic Control Devices (MUTCD) requires an average of **300** vehicles per hour entering the intersection from the main street for each of 8 hours of a day, and an average of **200** entering from the minor street during the same 8 hours.

Average entering volume on main street for 8 highest hours = **51**

Average minor street volume for same 8 hours = **23**



Tennessee St



Ohio St

Ohio St

W 18th St

Louisiana St

Veterans Park

W 19th St