

BLOOMINGTON TRAFFIC COMMISSION
AGENDA
January 23, 2013
5:30 P.M. – COUNCIL CHAMBERS

I. ROLL CALL

II. APPROVAL OF MINUTES

III. REPORTS AND ANNOUNCEMENTS

IV. OLD BUSINESS

There is none at this time.

V. NEW BUSINESS

A. Larkspur Lane - parking restriction request (John Ehlers)

B. Fairview & Dodds Stop Sign Request (McDoel Neighbors)

C. Loading Zone Request (First United Methodist Church) - 4th Street
between Lincoln & Washington

VI. DISCUSSION

VII. ADJOURNMENT

BLOOMINGTON TRAFFIC COMMISSION
MINUTES OF THE MEETING
JANUARY 23, 2013

ROLL CALL

Members Present: Mike Avila, James Batcho, Paul Kehrberg, Adrian Reid, Sarah Ryterband, Jeff Weber

Members Absent: Matthew Cruz, Judy Miki, Jim Shackelford

APPROVAL OF MINUTES

Sarah Ryterband pointed out that over and over again it says Weber, Weber, and at the beginning her first name was left off.

Ryterband made a motion to approve the minutes. Jeff Weber seconded. Motion passed unanimously. Minutes from October 24, 2012 approved.

REPORTS AND ANNOUNCEMENTS

Wykoff reminded the Commission and public that there will be a public information meeting January 24, 2013 at 5:30 p.m. in the Council Chambers for the South Rogers Street Project. That project will include concrete curb, storm water improvements, multi-use path on the west side of the roadway, sidewalk on the east side. There will also be a storm water connection, and a connection to the B-Line Trail from Rogers Street through the Broadview neighborhood.

OLD BUSINESS

None

NEW BUSINESS

A. Park Ridge East Park - Lower speed limits on East Morningside drive from East Indiana Bell Court to North Park Ridge Road to 20 mph

Wykoff stated during a meeting with the neighborhood of Park Ridge a request was made for speed control changes on Morningside Drive. Upon looking at the code, it was discovered that a section of approximately 500 feet of Morningside Drive from Park Ridge to the east is not currently in the municipal code as far as a park zone. This would be a 20 mph speed limit. There was also no reference to either Park Ridge or the first 200 feet of Cambridge in the code as well. The 85th percentile speed is 31 mph currently, there are 234 cars on average using Morningside., 136 east bound and 98 west bound. Staff supported the change to 20 mph with children present signs.

Ryterband asked if all three sides of this park would be changed. Reid stated in looking at the ordinance it was determined that all three sides would need to be changed.

Avila asked how far east would the 20 mph zone extend on the north side of the park. Wykoff stated Cambridge Drive, 200 feet east of Park Ridge Road.

Ryterband made a motion that all sides of this park be addressed, as being a park, and reduce the speed limit according to City Ordinance. Mike Avila seconded the motion. All members voted in favor. Motion passed.

B. Stop sign request for Moores Pike and Olcott Boulevard

Wykoff stated this request has come before the Commission before and was last heard by them on May 25, 2011. This is a request for a multi way stop at the intersection of Moores Pike and Olcott Boulevard. Staff performed the warrants for the multi-way stop per the Manual for Uniform Traffic Control Devices. The volume counts done this month revealed total approach volume for Moores Pike east bound 3,326; west bound approach to the intersection, 2,847. The north bound Olcott volume was 743. In going through the warrants for Criteria A, if it met the warrants for a signalized intersection, it did not. Criteria B is crash experience. Going back three years there have been six accidents that have occurred, two are deer related, one was unsafe speed for weather, two failure to yield, and one fatality which was 125 feet east of the intersection. The crash experience did not meet the warrants for crashes. Criteria C, medium volumes was not satisfied. Typically between 5 and 6 pm there are 605 cars on the major street and 51 on the minor. When looking at a multi-way stop there should be a 60/40 split, and this intersection is not close. In comparing recent counts to past counts done two years ago, the volume going eastbound has dropped a little. Northbound, coming from Olcott was previously 922 and was 743 in the recent count. Westbound, in 2011 the volume was 3,276 and went up slightly to 3,374. There was a construction project last summer that probably detoured people from the neighborhood. Justin concluded by stating when this was brought to the Commission in May of 2011 there were six members present with a vote of 6-0 to deny the request.

Ryterband stated she does not see a pedestrian crossing in the photographs, and wondered if there is one. Wykoff stated there is not a marked pedestrian crossing. Reid added pedestrian crossings typically go where there is a stop control. Ryterband stated she is concerned that this has been posted 30 mph, but the speeds are outrageous, and the site lines are not good. She wondered what the possibility would be of putting in some kind of mid-block crossing so people could get across from their neighborhood into the shopping area, as well as amber flashing lights to warn of the pedestrian crossing. This is a very busy area where it seems the speed limits are not being enforced. Wykoff stated there is a sidewalk along Sare Road that does lead to the signalized intersection that crosses over to the College Mall.

Weber agreed that this is an area that requires some action. He added he understands the numbers and the warrants in terms of traffic volume, but there are additional factors.

This quadrant of Bloomington continues to build up and the traffic on this road will not decrease, and speeds of 40 mph are hard to accept. Weber stated the pedestrian access has to be addressed, even with the sidewalk improvements on Sare Road. The sidewalk on the south side of Moores Pike does not reach from Sare to Olcott. If anyone wants to walk somewhere they have to cross Moores Pike, and it is owed to them to allow them to cross Moores Pike in a safe fashion. The visibility on these roads is not good, one point of evidence being the motorcyclist that was killed. Of all the comments received it looks like no one in the neighborhood is opposed to this, though he realizes more people than just the neighbors in Hyde Park would be affected.

Reid stated he does agree with many of the points. Reid added, to create improvements that are safe, where it has already been established there may be site issues, would cause concern for him, so this would be a much larger project than just putting in signs. To create a safe crossing then there needs to be adequate site distance so pedestrians are not introduced to a situation that is dangerous. Reid said these are also the reasons he opposes a stop sign, because when all these site and speed factors come into play it leads towards a violation of the stop sign.

Ryterband responded to Reid. She stated if a stop sign were to be installed that rumble strips would be a good idea to alert traffic. She added she has seen signs around town that tell drivers what their speed is and she has read those are very effective in getting drivers to pay attention to what their speed is and adjust it accordingly. She concluded by stating if there is an overwhelming negative response to putting in an actual stop sign if something might be done here, and thought the police should be made aware of this area and asked to enforce.

Mike Avila asked if there were any statistics on how many speeding tickets have been issued from Fenbrook to Smith Road, and from Moores Pike to Winston and Olcott over the last year.

Wykoff stated he did not have any information, but did have the list of the top 50 accident intersections in town.

Officer Batcho stated what needs to happen is for the police to run an extra patrol. As most people know, Bloomington is a very busy city so officers are directed to different areas of the city at different times to run direct patrols. Officer Batcho explained the statistics would be gathered that would say exactly when the stop was made, what the stop was for, and what action was taken.

Public Comment

Claire Robertson introduced herself and stated she wrote the petition. She stated she had a good meeting with Paul and Justin about what could be done in the area to make it more safe. She appreciates the Traffic Commission realizing this is a problem area. In all the meetings with neighbors and Engineering it was brought up that there needs to be a pedestrian crossing. It was Ms. Robertson's opinion the safest way to do that is with a

full stop. Ms. Robertson added she has timed how long it takes for a vehicle to crest the hill and get to the intersection and it is less than two seconds. The other side of Olcott is not as wide and easier to cross. Visibility is horrible. If stop signs were there, stop ahead signs or bumps would be needed. Some motorists have been clocked at 70 mph in the area. Rumble strips would help and felt it was a good suggestion.

Paul Beal, Olcott Boulevard, introduced himself. He stated the reasons there are not as many reported accidents is because many people avoid turning left off of Olcott Boulevard, it is terrifying. Crossing the road is also horrifying.

Wendy Wurtz introduced herself. She has lived in Hyde Park for over 13 years. She stated the problem for her is making a left hand turn. There is a curve there that cannot be seen around. She also stated she has seen cars in winter when it is slick push other cars out into the roadway. Ms. Wurtz further explained that at David a concrete block has been placed there and now when you come up Sare and want to turn left onto David, a driver can't see the traffic coming up the hill. Adrian did ask for more specifics about the David line of site problem.

Bill Gore introduced himself and he also lives in the area. Mr. Gore stated for bike riders coming west from town on Moores Pike, and trying to make a left onto Olcott, which a lot of people do, there is really no place to stop. When stopping on the hill, trying to make a left onto Olcott, the cars go speeding past you. If there was a stop sign it would add another safety factor.

Trudy Brassell introduced herself and has been a resident of Hyde Park for twenty years. Ms Brassell stated when she walks her dog across Moores Pike she feel genuinely frightened. She stands on the corner and looks up the hill to the right, then turns and looks left, and then looks back right, and does this several times because of the speed of the cars. They go so fast over the hill, and she is always tempted to run across. It is difficult to not cross Moores Pike at some point. She doesn't know how a pedestrian can deal with the problem of the traffic unless someone puts up some type of stop sign or pedestrian crossing. Ms. Brassell concluded by stating she seriously supports this action.

Simon Brassell, Trudy's husband, introduced himself. Mr. Brassell stated he and his wife have seen the enormous transformation of this area. Mr. Brassell added there are times when his wife has come back to the house, having walked the dog across, and she is literally terrified by the experience she has had. This all comes because of the visibility, and the speed of the cars coming over the hill. There are also turn lanes which make the distance to cross the road that much further and longer. One risks life and limb anytime one tries to cross the road.

Dave Rollo, City Council member who represents these constituents, introduced himself. Mr. Rollo stated he is present to support, for very good reason because of the hazard that is presented by this slope as cars come east bound toward Olcott. Mr. Rollo stated the people who live south of Moores Pikes are his constituents. He has been aware for sometime, through this process and others, that it is terribly difficult to traverse Moores

Pike. Rollo added there is a policy in the City for pedestrian connectivity which isn't meant to be just a luxury for people living downtown. The infrastructure should be available to people in this area.. One cannot get to the regional activity center, i.e., College Mall and the theatre and everything else north, unless they cross Moores Pike. The only way to cross Moores Pike, at this point, safely, is to go tremendously out of the way to Smith Road, cross, and then take the sidewalk west bound, or go through the entire neighborhood to Sare Road. Mr. Rollo feels this discourages an emphasis that the City has had for years of trying to encourage pedestrians. Mr. Rollo quoted the vision statement the Council has just adopted. It states *"we are to provide a safe, efficient, accessible, and connected system of transportation that emphasizes public transportation, walking, and biking, to enhance options to reduce our overall dependency on the automobile."* The only option, and it is taken, is to run from Olcott across Moores Pike to get to the sidewalk so they can continue on their way. This discourages a lot of people, and scares a lot of people in the process. This also increases vehicle and pedestrian conflict. Mr. Rollo feels this is a very sensible proposal. Mr. Rollo also stated this is a greenway corridor that deer also cross. There could be a dual purpose here of having a stop sign, rumble strips, and a flasher, if necessary, to warn drivers that a stop sign is coming, and a safe pedestrian crossing so the commercial area to the north could be accessed. This seems absolutely necessary. There is also no possibility at this point because of finances and topological constraints to put a sidewalk that would go from Olcott west bound to Sare Road. Rollo supports this proposal and thanked the Commission for their consideration.

Jim Griffin introduced himself and is a resident of Hyde Park. Mr. Griffin stated he concurred with everything everyone else has said, and noted he has signed the petition. Mr. Griffin stated one thing that has not been mentioned is an interim approach to making left turns easier. Mr. Griffin stated it has been his experience from living in foreign countries the use of mirrors. Mr. Griffin felt if these were mounted high it would at least be a better line of site coming out of Olcott.

Claire Robertson addressed the Commission again and commented on the fatality and the aftermath. Because of the aftermath of that accident it is her feelings this [stop sign] really needs to happen.

Wykoff stating after listening to the discussion, this seems to be more pedestrian crossing related with speed and visibility being problems. Wykoff stated he does not feel a stop sign would be a solution. Wykoff stated he would like to see something a little more creative, and have a safer pedestrian crossing such as the one at Rogers and Hillside where there is a little island with a pedestrian crossing. This would funnel cars and cause them to slow down, as well as provide a pedestrian crossing.

Reid stated he could not support a stop sign in this scenario. Because of the site distance condition of the road, his belief as a traffic engineer, is that it would cause more accidents than have occurred in the last three years. In the long term Reid stated he believes there are some geometric issues that need to be fixed. Reid was very supportive of some type of pedestrian crossing, and even liked the rumble strip idea.

Ryterband stated one of the issues is a safe haven for pedestrians. Ryterband liked the idea of a pedestrian island with a big flashing light on it that would suggest to people that they would need to slow down.

Reid agreed there is a better solution than putting up a couple of stop signs. Reid agrees there needs to be an improved pedestrian crossing at Moores Pike. If there is a vote against the stop sign the issue is not gone and staff fully intends to pay attention to the issues brought forward.

Weber stated he believes it is owed to the community to do everything possible to create a way to safely cross Moores Pike. The likely timeframe to do that with a major project is unacceptable. What is the best minimum that could accomplish the ability for someone to safely cross. Weber believes with appropriate signage and warning the stop sign is not in and of itself a mechanism to slow down traffic. Weber feels it is a necessity to support a pedestrian crossing, and if that has the effect of slowing down traffic, that is not a bad thing.

Weber made a motion that the Commission consider a pedestrian crossing, supported by stop signs and rumble strips at the intersection of Moores Pike and Olcott. Ryterband seconded the motion.

Reid asked for any further discussion on the motion.

Avila would like to not do the expedient thing, just to do something, but would rather put some thought into it and do it smartly even if it takes more time. Avila would like to see the pedestrian crossing, not at Olcott and Moores Pike, but halfway between Fenbrook and Olcott where the line of sight is good down and up the hill. The sidewalk should be squared off and blinking lights put up and have a marked pedestrian crossing.

Reid asked for a roll call vote on the motion. Vote was:

Avila - No

Batcho - No

Kehrberg - No

Reid - No

Ryterband - Yes

Weber - Yes

The vote 2 for and 4 against. The stop sign was voted down.

Reid stated that would conclude the business and asked if there was any other business to be presented. Seeing none, Reid adjourned the meeting at 6:40 p.m.

November 19th, 2012

To whom it may concern,

I own a house on S. Larkspur Lane (47403). This road provides access to the West Point subdivision and dead-ends after the four way stop near my home (pictured below). Currently, there are no parking restrictions on either side of Larkspur Lane. Vehicles are regularly parked indiscriminately on both-sides of this small street resulting in:

- reduced visibility to neighborhood children often riding bikes, scooters, or otherwise playing in or around the street
- inability for two cars to pass with an acceptable clearance buffer
- blocked mail boxes inhibiting mail delivery
- diminished property values due to disorderly appearance
- obstructed view when exiting residential driveways

You should know I am in the process of selling my home; however, please do not think poorly of my motivation to reach out to you now.

I have owned and maintained my home for over ten years, and I seek to keep this Bloomington neighborhood safe and desirable.

My personal preference would be to restrict long-term parking to driveways; however, I defer to your expertise in this matter.

I am certain even restricting parking to one side of the road would greatly benefit the neighborhood.

I respectfully request your careful consideration in this matter.

Sincerely, a concerned citizen,
Joe Ehlers



City of Bloomington
Public Works Department
Engineering Department

TRAFFIC COMMISSION STAFF REPORT

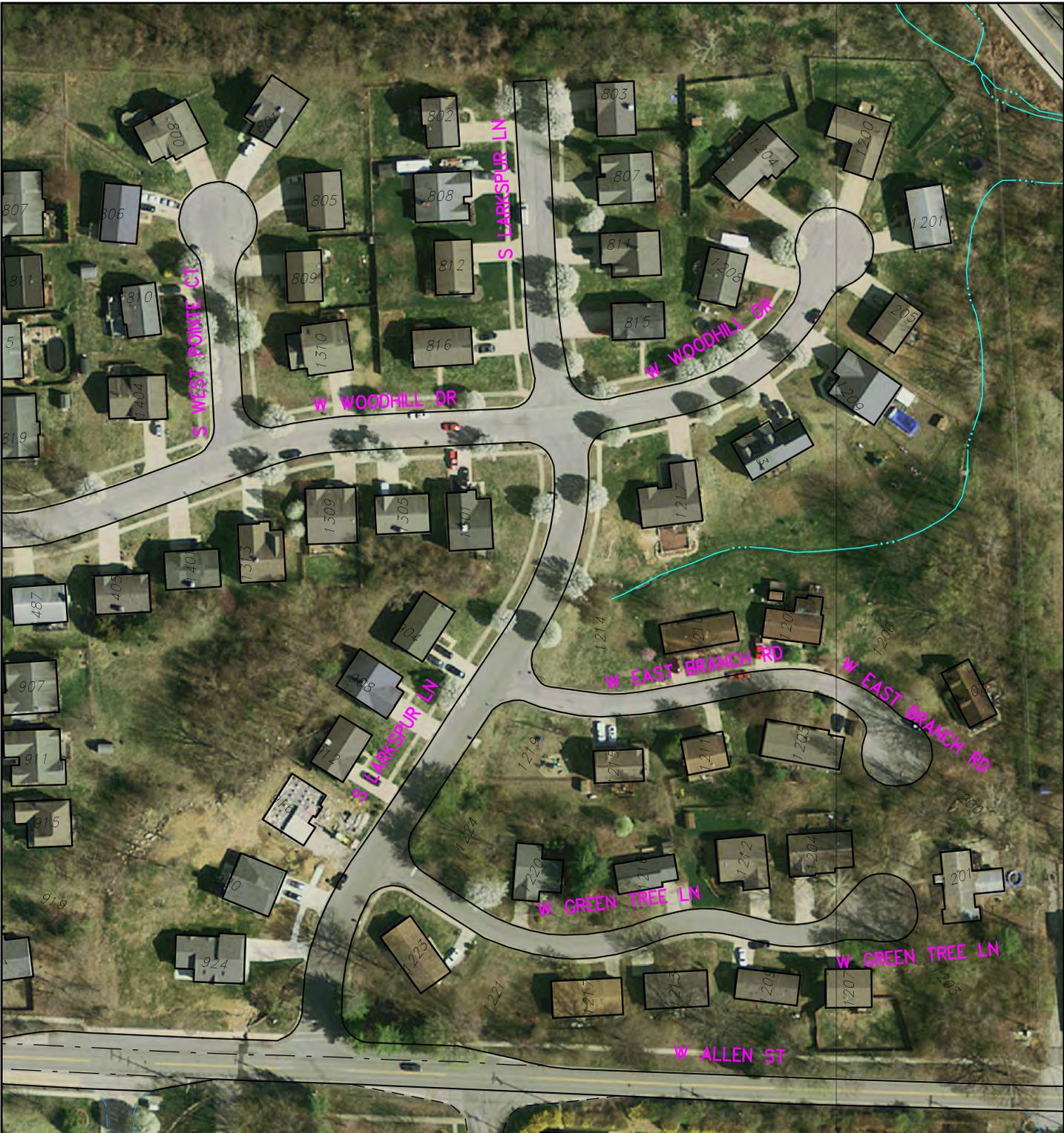
Meeting Date: June 26, 2013

Subject: Larkspur Lane Parking Request

Report: The City of Bloomington Engineering Department received a request from Joe Ehlers to make changes to parking conditions on Larkspur Lane. Currently there are no restrictions on Larkspur Lane and vehicles have been parking along both sides of the street. Mr. Ehlers raises concerns (see included request letter) regarding emergency vehicle access, visibility when exiting drives, diminished property values, etc.

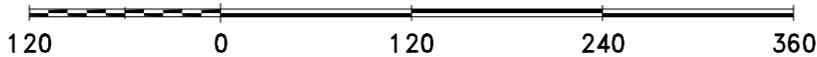
The typical pavement width on this street is 27 feet which is conducive to two 9 foot travel lanes, and one 8 foot wide parallel parking space, which would require a width of 26 feet.

Recommendation: Staff recommends the removal of parking on the East side of Larkspur Lane which would allow parking to remain adjacent to the majority of residences along this street. Parking close to drives can be addressed with the addition of yellow paint within 15 feet of driveways to allow for improved visibility. Should residents desire more parking, a consideration could be made for allowing parking along the East side of Larkspur Lane and eliminating parking along the residential side as the sidewalk is separated by a grass/tree plot area.

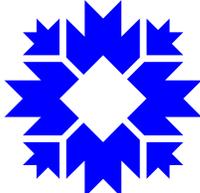


South Larkspur Lane Parking

By: kehrberg
20 Jun 13



City of Bloomington
Engineering



Scale: 1" = 120'

For reference only; map information NOT warranted.

- 27' pavement width
- No existing parking signs
- Individual mailboxes along the west side of the street
- 2 group mailboxes along the east side of the street





SPEED
LIMIT
30

EVERETT ST











SPEED
LIMIT
30

EVERETT ST





OFFICE OF ASSISTANT
TRAFFIC ENGINEER
HARRIS COUNTY
HARRIS COUNTY
349-3417





Justin Wykoff <wykoffj@bloomington.in.gov>

Fwd: Fairview and Dodds Stop Sign -- Request for Placement on Wednesday, 26 June Traffic Commission Agenda

Adrian Reid <reida@bloomington.in.gov>

Mon, Jun 3, 2013 at 3:42 PM

To: Laurel Waters <watersl@bloomington.in.gov>, Justin Wykoff <wykoffj@bloomington.in.gov>, Paul Kehrberg <kehrberp@bloomington.in.gov>

Laurel,

Put this stop sign request on the next Traffic Commission agenda on the 26th.

Thanks,

Adrian

----- Forwarded message -----

From: **Stacy Rhoads** <rhoadss@bloomington.in.gov>

Date: Mon, Jun 3, 2013 at 8:41 AM

Subject: Fairview and Dodds Stop Sign -- Request for Placement on Wednesday, 26 June Traffic Commission Agenda

To: Adrian Reid <reida@bloomington.in.gov>

Cc: Laurel Waters <watersl@bloomington.in.gov>

Hi Adrian --

Darryl met with the McDoel neighbors who are requesting a stop sign where Fairview intersects with Dodds. They understand the results of the traffic study, and would like to move forward with this request. Would it be possible to place this item on the Traffic Commission Agenda for the **Wednesday, 26 June** meeting?

Darryl would also like to know if you've any alternative suggestions for this intersection that would address the neighbors' concerns.

Thanks, as always.

Best regards,

sj

Stacy Jane Rhoads

Deputy Administrator/Researcher

City of Bloomington Common Council

401 N. Morton, Suite 110

Bloomington, Indiana 47402

(p:) 812.349.3565 (f:) 812.349.3570 (e:) rhoadss@bloomington.in.gov

--

Adrian Reid, P.E.

City Engineer
City of Bloomington
[812-349-3417](tel:812-349-3417)



City of Bloomington
Public Works Department
Engineering Department

TRAFFIC COMMISSION STAFF REPORT

Meeting Date: June 26, 2013

Subject: Fairview Street and Dodds Street - Multi-Way Stop Request

Report: The City of Bloomington Engineering Department received a request from City Council Staff for a multi-way stop to be considered for the intersection of Fairview Street and Dodds Street. Currently Fairview Street does not stop for Dodds Street. A traffic warrant analysis was performed in accordance with the Indiana Manual on Uniform Traffic Control Devices (IMUTCD) which did not result in any warrants being met. A copy of that report is included with this Traffic Commission Packet.

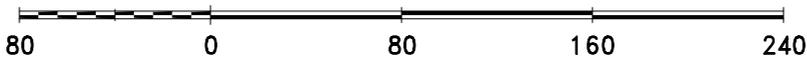
The City of Bloomington, Engineering, Housing and Neighborhood Development, and Utilities departments are designing and coordinating the installation of new curb, sidewalk, with curb extensions (adjacent to parking) along Fairview Street which will result in improved safety and accessibility for pedestrians.

Recommendation: Staff recommends the denial of this request as currently traffic warrants are not met or for this intersection to become a multi-way stop. Residents concerns regarding pedestrian safety will be improved with the installation of sidewalk, and modification of parking to allow for a buffer between the proposed sidewalk and vehicular travel. Additionally with the planned curb extension and the travel lane widths (9 feet) it is expected that vehicular speeds will decrease less than the current 29mph (85%tile).



Fairview and Dodds Multi-way Stop Request

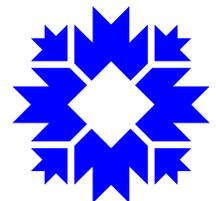
By: kehrberg
20 Jun 13



For reference only; map information NOT warranted.



City of Bloomington
Engineering



Scale: 1" = 80'

NOTICE OF MEETING
TRAFFIC COMMISSION
MULTI-WAY STOP
349-3417

Forbes St

STOP

449-NZL



Dodge St

NOTICE OF MEETING
TRAFFIC COMMISSION
will be held on **Monday, June 17, 2014**
at **7:00 PM**
MULTI-WAY STOP
at the intersection of City Street
and
349-3417



Fairview St

STOP



City of Bloomington
Engineering Department
Multi-way Stop Warrant Analysis

Study Name : **S. Fairview St. and W. Dodds St.**
 Study Date : **04/29/13**

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: S. Fairview St.
 Total Approach Volume: **341**
 Approach Speed: **29**

Southbound: S. Fairview St.
 Total Approach Volume: **382**
 Approach Speed: **21**

Minor Street Approaches

Eastbound: W. Dodds St.
 Total Approach Volume: **77**

Westbound: W. Dodds St.
 Total Approach Volume: **136**

Warrant Summary

- Criteria A - Interim Measure** **Not Evaluated**
 If traffic signals are justified, stop signs can be installed as an interim measure.
- Criteria B - Crash Experience** **Not Satisfied**
 Number of crashes (0) is less than the minimum required (5).
- Criteria C - Minimum Volumes and Delays** **Not Satisfied**
 Delay data not evaluated
 Average of 8 highest hours does not meet volume criteria.
- Criteria D - 80% of Volumes, Delays, and Crashes** **Not Satisfied**
 Delay data not evaluated
 Average of 8 highest hours does not meet volume criteria.

Analysis of 8-Hour Volume Warrants:

Time	Major Total	Major Avg	Minor Total	Minor Avg	Crit C			Crit D		
					Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
17:00 - 18:00	89	57.3	18	13.3	300-No	200-No	No	240-No	160-No	No
16:00 - 17:00	69		15							
15:00 - 16:00	67		12							
07:00 - 08:00	58		8							
14:00 - 15:00	49		14							
08:00 - 09:00	50		10							
12:00 - 13:00	38		15							
09:00 - 10:00	38		14							
19:00 - 20:00	36		12							
11:00 - 12:00	38		9							
18:00 - 19:00	32		13							
13:00 - 14:00	30		14							
10:00 - 11:00	34		10							
20:00 - 21:00	26		9							
21:00 - 22:00	18		5							
06:00 - 07:00	13		5							
22:00 - 23:00	8		6							
02:00 - 03:00	6		6							
03:00 - 04:00	6		3							
23:00 - 00:00	4		4							
01:00 - 02:00	3		5							
04:00 - 05:00	4		2							
00:00 - 01:00	4		2							
05:00 - 06:00	3		2							

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4439
Station ID:
S. Fairview St.
W. Dixie St. to W. Dodds St.
Latitude: 0' 0.000 Undefined

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	3	2	11	4	1	1	0	0	0	0	0	0	0	0	22	20-29	12
13:00	2	5	6	5	1	0	0	0	0	0	0	0	0	0	19	19-28	9
14:00	0	2	8	11	3	1	0	0	0	0	0	0	0	0	25	21-30	17
15:00	1	2	8	7	2	0	0	0	0	0	0	0	0	0	20	21-30	13
16:00	0	2	10	8	1	0	0	0	0	0	0	0	0	0	21	21-30	15
17:00	4	2	16	15	3	0	0	0	0	0	0	0	0	0	40	21-30	25
18:00	0	1	5	5	2	1	0	0	0	0	0	0	0	0	14	20-29	9
19:00	0	2	2	7	2	0	0	0	0	0	0	0	0	0	13	25-34	8
20:00	1	1	7	6	1	1	0	0	0	0	0	0	0	0	17	20-29	11
21:00	0	0	1	4	2	0	0	0	0	0	0	0	0	0	7	24-33	6
22:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
23:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2
Total	11	19	74	76	19	4	0	0	0	0	0	0	0	0	203		
Percent	5.4%	9.4%	36.5%	37.4%	9.4%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00	13:00	17:00	17:00	14:00	12:00									17:00		
	4	5	16	15	3	1									40		

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4439
 Station ID:
 S. Fairview St.
 W. Dixie St. to W. Dodds St.
 Latitude: 0' 0.000 Undefined

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	Total	Pace Speed	Number in Pace
04/18/13	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19-28	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
03:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12-21	3
04:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18-27	1
05:00	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	4	27-36	2
06:00	0	1	0	2	2	1	0	0	0	0	0	0	0	0	0	0	6	29-38	3
07:00	2	3	11	21	1	0	0	0	0	0	0	0	0	0	0	0	38	22-31	27
08:00	1	2	14	9	1	0	0	0	0	0	0	0	0	0	0	0	27	20-29	20
09:00	0	3	8	7	2	0	0	0	0	0	0	0	0	0	0	0	20	20-29	13
10:00	1	3	2	5	0	0	0	0	0	0	0	0	0	0	0	0	11	23-32	5
11:00	1	4	5	9	3	0	0	0	0	0	0	0	0	0	0	0	22	21-30	12
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	6	24	43	56	10	1	0	0	0	0	0	0	0	0	0	0	140		
Percent	4.3%	17.1%	30.7%	40.0%	7.1%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	08:00	07:00	11:00	06:00												07:00	
Vol.	2	4	14	21	3	1												38	
PM Peak																			
Vol.																			
Total	40	95	226	251	64	10	0	0	0	0	0	0	0	0	0	0	686		
Percent	5.8%	13.8%	32.9%	36.6%	9.3%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 14 MPH
 50th Percentile : 23 MPH
 85th Percentile : 29 MPH
 95th Percentile : 32 MPH

Stats
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 393
 Percent in Pace : 57.3%
 Number of Vehicles > 30 MPH : 86
 Percent of Vehicles > 30 MPH : 12.6%
 Mean Speed(Average) : 23 MPH

**City of Bloomington
Engineering Department**

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812-349-3417

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Weather: Warm, some rain

Site Code: p4439
Station ID:
S. Fairview St.
W. Dixie St. to W. Dodds St.
Latitude: 0' 0.000 Undefined

Southbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	3	2	4	5	1	0	0	0	0	0	0	0	0	0	15	20-29	7
13:00	0	5	6	4	1	0	0	0	0	0	0	0	0	0	16	18-27	9
14:00	1	2	11	8	2	0	0	0	0	0	0	0	0	0	24	21-30	16
15:00	1	5	17	7	6	1	0	0	0	0	0	0	0	0	37	20-29	21
16:00	1	9	21	8	0	0	0	0	0	0	0	0	0	0	39	18-27	26
17:00	2	7	28	7	3	1	0	0	0	0	0	0	0	0	48	18-27	32
18:00	3	1	4	2	0	0	0	0	0	0	0	0	0	0	10	21-30	4
19:00	0	3	4	4	2	0	0	0	0	0	0	0	0	0	13	18-27	7
20:00	0	1	7	7	1	0	0	0	0	0	0	0	0	0	16	21-30	12
21:00	0	0	1	3	0	1	0	0	0	0	0	0	0	0	5	21-30	4
22:00	0	0	2	2	0	1	0	0	0	0	0	0	0	0	5	21-30	4
23:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
Total	11	35	105	58	17	4	0	0	0	0	0	0	0	0	230		
Percent	4.8%	15.2%	45.7%	25.2%	7.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

AM Peak Vol.	12:00	16:00	17:00	14:00	15:00	15:00	17:00
PM Peak Vol.	3	9	28	8	6	1	48

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Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
04/17/13	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
02:00	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	2-11	3
03:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	24-33	2
04:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	5-14	1
05:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4	8-17	2
06:00	0	0	1	2	1	0	0	0	0	0	0	0	0	0	4	24-33	3
07:00	0	0	3	6	5	1	0	0	0	0	0	0	0	0	15	26-35	10
08:00	0	0	3	7	2	0	0	0	0	0	0	0	0	0	12	23-32	10
09:00	1	0	5	6	0	0	0	0	0	0	0	0	0	0	12	21-30	9
10:00	1	0	5	2	1	0	0	0	0	0	0	0	0	0	9	19-28	6
11:00	0	5	7	3	1	0	0	0	0	0	0	0	0	0	16	16-25	10
12 PM	4	3	11	2	1	0	0	0	0	0	0	0	0	0	21	18-27	11
13:00	1	3	8	1	2	0	0	0	0	0	0	0	0	0	15	16-25	9
14:00	0	0	3	6	2	0	0	0	0	0	0	0	0	0	11	22-31	9
15:00	4	3	15	13	2	0	0	0	0	0	0	0	0	0	37	21-30	22
16:00	0	5	19	9	2	0	0	0	0	0	0	0	0	0	35	19-28	25
17:00	3	7	15	3	2	0	0	0	0	0	0	0	0	0	30	18-27	17
18:00	1	1	9	5	2	0	0	0	0	0	0	0	0	0	18	19-28	12
19:00	1	3	6	12	1	0	0	0	0	0	0	0	0	0	23	21-30	15
20:00	0	3	5	2	2	0	0	0	0	0	0	0	0	0	12	16-25	7
21:00	1	2	5	2	1	0	0	0	0	0	0	0	0	0	11	19-28	6
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	19-28	2
23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
Total	23	37	125	84	31	2	0	302									
Percent	7.6%	12.3%	41.4%	27.8%	10.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	02:00	11:00	11:00	08:00	07:00	01:00									11:00		
Vol.	3	5	7	7	5	1									16		
PM Peak	12:00	17:00	16:00	15:00	13:00										15:00		
Vol.	4	7	19	13	2										37		

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Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
04/18/13	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	27-36	1
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
02:00	0	3	2	3	0	0	0	0	0	0	0	0	0	0	0	8	21-30	4
03:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3	24-33	2
04:00	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	4	21-30	2
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
06:00	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	6	20-29	3
07:00	0	1	13	4	1	0	0	0	0	0	0	0	0	0	0	19	20-29	15
08:00	1	2	5	6	2	0	0	0	0	0	0	0	0	0	0	16	22-31	9
09:00	0	4	8	3	1	0	0	0	0	0	0	0	0	0	0	16	19-28	10
10:00	1	1	6	2	2	0	0	0	0	0	0	0	0	0	0	12	18-27	7
11:00	0	4	6	4	2	0	0	0	0	0	0	0	0	0	0	16	17-26	9
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	5	16	45	26	12	1	0	0	0	0	0	0	0	0	0	105		
Percent	4.8%	15.2%	42.9%	24.8%	11.4%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	01:00	09:00	07:00	08:00	08:00	06:00										07:00		
Vol.	2	4	13	6	2	1										19		
PM Peak																		
Vol.																		
Total	39	88	275	168	60	7	0	0	0	0	0	0	0	0	0	637		
Percent	6.1%	13.8%	43.2%	26.4%	9.4%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 14 MPH
 50th Percentile : 22 MPH
 85th Percentile : 28 MPH
 95th Percentile : 32 MPH

Stats
 10 MPH Pace Speed : 20-29 MPH
 Number in Pace : 371
 Percent in Pace : 58.2%
 Number of Vehicles > 30 MPH : 72
 Percent of Vehicles > 30 MPH : 11.2%
 Mean Speed(Average) : 23 MPH

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Northbound, Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	6	4	15	9	2	1	0	0	0	0	0	0	0	0	0	37	19-28	19
13:00	2	10	12	9	2	0	0	0	0	0	0	0	0	0	0	35	19-28	18
14:00	1	4	19	19	5	1	0	0	0	0	0	0	0	0	0	49	21-30	33
15:00	2	7	25	14	8	1	0	0	0	0	0	0	0	0	0	57	20-29	34
16:00	1	11	31	16	1	0	0	0	0	0	0	0	0	0	0	60	19-28	41
17:00	6	9	44	22	6	1	0	0	0	0	0	0	0	0	0	88	20-29	55
18:00	3	2	9	7	2	1	0	0	0	0	0	0	0	0	0	24	20-29	13
19:00	0	5	6	11	4	0	0	0	0	0	0	0	0	0	0	26	21-30	15
20:00	1	2	14	13	2	1	0	0	0	0	0	0	0	0	0	33	20-29	23
21:00	0	0	2	7	2	1	0	0	0	0	0	0	0	0	0	12	23-32	9
22:00	0	0	2	4	1	1	0	0	0	0	0	0	0	0	0	8	22-31	6
23:00	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4	24-33	4
Total	22	54	179	134	36	8	0	0	0	0	0	0	0	0	0	433		
Percent	5.1%	12.5%	41.3%	30.9%	8.3%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																		
PM Peak Vol.	12:00	16:00	17:00	17:00	15:00	12:00										17:00		
	6	11	44	22	8	1										88		

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Northbound, Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/18/13	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4	17-26	2
01:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	3	1-10	2
02:00	0	5	2	3	0	0	0	0	0	0	0	0	0	0	10	12-21	6
03:00	0	2	3	1	1	0	0	0	0	0	0	0	0	0	7	18-27	4
04:00	2	1	2	1	1	0	0	0	0	0	0	0	0	0	7	5-14	3
05:00	0	1	1	2	1	0	0	0	0	0	0	0	0	0	5	20-29	3
06:00	0	2	1	4	3	2	0	0	0	0	0	0	0	0	12	26-35	6
07:00	2	4	24	25	2	0	0	0	0	0	0	0	0	0	57	21-30	41
08:00	2	4	19	15	3	0	0	0	0	0	0	0	0	0	43	21-30	28
09:00	0	7	16	10	3	0	0	0	0	0	0	0	0	0	36	19-28	23
10:00	2	4	8	7	2	0	0	0	0	0	0	0	0	0	23	21-30	12
11:00	1	8	11	13	5	0	0	0	0	0	0	0	0	0	38	21-30	20
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	11	40	88	82	22	2	0	245									
Percent	4.5%	16.3%	35.9%	33.5%	9.0%	0.8%	0.0%										
AM Peak	01:00	11:00	07:00	07:00	11:00	06:00									07:00		
Vol.	2	8	24	25	5	2									57		
PM Peak																	
Vol.																	
Total	79	183	501	419	124	17	0	1323									
Percent	6.0%	13.8%	37.9%	31.7%	9.4%	1.3%	0.0%										

15th Percentile : 14 MPH
 50th Percentile : 23 MPH
 85th Percentile : 29 MPH
 95th Percentile : 32 MPH

Stats
 10 MPH Pace Speed : 20-29 MPH
 Number in Pace : 759
 Percent in Pace : 57.4%
 Number of Vehicles > 30 MPH : 158
 Percent of Vehicles > 30 MPH : 11.9%
 Mean Speed(Average) : 23 MPH

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Start Time	15-Apr-13		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Northbound	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo
12:00 AM	*	*	*	*	3	1	3	2	*	*	*	*	*	*	3	2
01:00	*	*	*	*	1	1	2	1	*	*	*	*	*	*	2	1
02:00	*	*	*	*	0	1	2	7	*	*	*	*	*	*	1	4
03:00	*	*	*	*	2	3	2	3	*	*	*	*	*	*	2	3
04:00	*	*	*	*	0	1	1	3	*	*	*	*	*	*	0	2
05:00	*	*	*	*	0	1	1	0	*	*	*	*	*	*	0	0
06:00	*	*	*	*	1	5	7	10	*	*	*	*	*	*	4	8
07:00	*	*	*	*	14	22	14	27	*	*	*	*	*	*	14	24
08:00	*	*	*	*	9	28	8	24	*	*	*	*	*	*	8	26
09:00	*	*	*	*	3	20	7	19	*	*	*	*	*	*	5	20
10:00	*	*	*	*	4	21	3	15	*	*	*	*	*	*	4	18
11:00	*	*	*	*	3	26	10	16	*	*	*	*	*	*	6	21
12:00 PM	*	*	9	16	11	14	*	*	*	*	*	*	*	*	10	15
01:00	*	*	6	18	1	13	*	*	*	*	*	*	*	*	4	16
02:00	*	*	8	32	6	19	*	*	*	*	*	*	*	*	7	26
03:00	*	*	4	44	6	47	*	*	*	*	*	*	*	*	5	46
04:00	*	*	5	45	6	45	*	*	*	*	*	*	*	*	6	45
05:00	*	*	5	48	13	42	*	*	*	*	*	*	*	*	9	45
06:00	*	*	9	16	4	11	*	*	*	*	*	*	*	*	6	14
07:00	*	*	3	17	8	30	*	*	*	*	*	*	*	*	6	24
08:00	*	*	8	15	4	4	*	*	*	*	*	*	*	*	6	10
09:00	*	*	2	3	5	11	*	*	*	*	*	*	*	*	4	7
10:00	*	*	2	3	2	3	*	*	*	*	*	*	*	*	2	3
11:00	*	*	0	2	5	2	*	*	*	*	*	*	*	*	2	2
Lane	0	0	61	259	111	371	60	127	0	0	0	0	0	0	116	382
Day	0	0	320		482		187		0	0	0	0	0	0	498	
AM Peak					07:00	08:00	07:00	07:00					07:00	08:00		
Vol.					14	28	14	27					14	26		
PM Peak			12:00	17:00	17:00	15:00					12:00	15:00				
Vol.			9	48	13	47					10	46				
Comb. Total	0	320		482		187		0	0	0		0		498		
ADT	ADT 493		AADT 493													

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Northbound

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace		
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
12 PM	4	2	2	1	0	0	0	0	0	0	0	0	0	0	9	8-17	4		
13:00	5	1	0	0	0	0	0	0	0	0	0	0	0	0	6	6-15	4		
14:00	2	0	3	1	2	0	0	0	0	0	0	0	0	0	8	22-31	3		
15:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	5-14	2		
16:00	4	0	1	0	0	0	0	0	0	0	0	0	0	0	5	4-13	4		
17:00	2	1	2	0	0	0	0	0	0	0	0	0	0	0	5	9-18	2		
18:00	4	0	3	2	0	0	0	0	0	0	0	0	0	0	9	6-15	4		
19:00	1	0	0	1	1	0	0	0	0	0	0	0	0	0	3	29-38	1		
20:00	3	1	3	0	1	0	0	0	0	0	0	0	0	0	8	8-17	3		
21:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2		
22:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1		
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
Total	28	6	17	6	4	0	0	0	0	0	0	0	0	0	61				
Percent	45.9%	9.8%	27.9%	9.8%	6.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
AM Peak Vol.																			
PM Peak Vol.	13:00	12:00	14:00	18:00	14:00												12:00		
	5	2	3	2	2												9		

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	Total	Pace Speed	Number in Pace	
04/18/13	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18-27	1	
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19-28	1	
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19-28	1	
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1	
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	19-28	1	
06:00	2	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	7	19-28	3	
07:00	2	1	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	14	20-29	8	
08:00	2	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	8	22-31	4	
09:00	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7-16	3	
10:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18-27	1	
11:00	4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	10	4-13	5	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	17	9	22	9	3	0	0	0	0	0	0	0	0	0	0	0	0	60			
Percent	28.3%	15.0%	36.7%	15.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	11:00	11:00	07:00	07:00	06:00														07:00		
Vol.	4	2	7	3	1														14		
PM Peak																					
Vol.																					
Total	99	37	58	28	10	0	0	0	0	0	0	0	0	0	0	0	0	232			
Percent	42.7%	15.9%	25.0%	12.1%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 5 MPH
50th Percentile : 12 MPH
85th Percentile : 24 MPH
95th Percentile : 28 MPH

Stats
10 MPH Pace Speed : 5-14 MPH
Number in Pace : 111
Percent in Pace : 47.8%
Number of Vehicles > 30 MPH : 9
Percent of Vehicles > 30 MPH : 3.7%
Mean Speed(Average) : 15 MPH

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	12	2	1	1	0	0	0	0	0	0	0	0	0	0	16	3-12	11
13:00	11	3	1	3	0	0	0	0	0	0	0	0	0	0	18	4-13	11
14:00	18	6	4	4	0	0	0	0	0	0	0	0	0	0	32	6-15	18
15:00	19	10	8	6	1	0	0	0	0	0	0	0	0	0	44	6-15	22
16:00	27	10	7	1	0	0	0	0	0	0	0	0	0	0	45	5-14	27
17:00	23	17	4	3	1	0	0	0	0	0	0	0	0	0	48	8-17	26
18:00	14	1	1	0	0	0	0	0	0	0	0	0	0	0	16	3-12	12
19:00	5	2	5	5	0	0	0	0	0	0	0	0	0	0	17	20-29	7
20:00	5	5	4	1	0	0	0	0	0	0	0	0	0	0	15	6-15	7
21:00	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	14-23	2
22:00	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3	24-33	1
23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	15-24	2
Total	135	57	39	25	3	0	0	0	0	0	0	0	0	0	259		
Percent	52.1%	22.0%	15.1%	9.7%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00 27	17:00 17	15:00 8	15:00 6	15:00 1										17:00 48		

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	Total	Pace Speed	Number in Pace	
04/18/13	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	27-36	1	
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
02:00	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5-14	4	
03:00	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	22-31	2	
04:00	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	6-15	1	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
06:00	4	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	10	7-16	4	
07:00	15	5	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	27	6-15	15	
08:00	14	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	24	4-13	14	
09:00	13	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	19	5-14	12	
10:00	8	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6-15	8	
11:00	9	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	16	7-16	9	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	70	18	24	13	2	0	127														
Percent	55.1%	14.2%	18.9%	10.2%	1.6%	0.0%															
AM Peak	07:00	07:00	07:00	06:00	00:00														07:00		
Vol.	15	5	6	3	1														27		
PM Peak																					
Vol.																					
Total	409	139	134	67	8	0	757														
Percent	54.0%	18.4%	17.7%	8.9%	1.1%	0.0%															

15th Percentile : 5 MPH
 50th Percentile : 10 MPH
 85th Percentile : 21 MPH
 95th Percentile : 26 MPH

Stats
 10 MPH Pace Speed : 5-14 MPH
 Number in Pace : 422
 Percent in Pace : 55.7%
 Number of Vehicles > 30 MPH : 10
 Percent of Vehicles > 30 MPH : 1.3%
 Mean Speed(Average) : 13 MPH

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Northbound, Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	16	4	3	2	0	0	0	0	0	0	0	0	0	0	0	25	6-15	15
13:00	16	4	1	3	0	0	0	0	0	0	0	0	0	0	0	24	5-14	15
14:00	20	6	7	5	2	0	0	0	0	0	0	0	0	0	0	40	5-14	21
15:00	21	10	10	6	1	0	0	0	0	0	0	0	0	0	0	48	5-14	24
16:00	31	10	8	1	0	0	0	0	0	0	0	0	0	0	0	50	6-15	30
17:00	25	18	6	3	1	0	0	0	0	0	0	0	0	0	0	53	6-15	29
18:00	18	1	4	2	0	0	0	0	0	0	0	0	0	0	0	25	4-13	17
19:00	6	2	5	6	1	0	0	0	0	0	0	0	0	0	0	20	20-29	8
20:00	8	6	7	1	1	0	0	0	0	0	0	0	0	0	0	23	8-17	10
21:00	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	5	16-25	3
22:00	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5	9-18	2
23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	15-24	2
Total	163	63	56	31	7	0	0	0	0	0	0	0	0	0	0	320		
Percent	50.9%	19.7%	17.5%	9.7%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																		
PM Peak Vol.	16:00 31	17:00 18	15:00 10	15:00 6	14:00 2											17:00 53		

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Mult-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4440
Station ID:
S. Fairview St.
W. Dodds St. to W. Wylie St.
Latitude: 0' 0.000 Undefined

Northbound, Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
04/17/13	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4	8-17	2
01:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
03:00	3	0	1	1	0	0	0	0	0	0	0	0	0	0	5	1-10	3
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1
06:00	2	1	3	0	0	0	0	0	0	0	0	0	0	0	6	14-23	3
07:00	12	7	9	6	2	0	0	0	0	0	0	0	0	0	36	5-14	15
08:00	24	6	5	2	0	0	0	0	0	0	0	0	0	0	37	5-14	23
09:00	14	2	5	2	0	0	0	0	0	0	0	0	0	0	23	4-13	14
10:00	18	3	2	1	1	0	0	0	0	0	0	0	0	0	25	4-13	17
11:00	19	3	5	2	0	0	0	0	0	0	0	0	0	0	29	5-14	18
12 PM	18	3	3	1	0	0	0	0	0	0	0	0	0	0	25	4-13	17
13:00	10	2	1	1	0	0	0	0	0	0	0	0	0	0	14	5-14	9
14:00	14	3	6	2	0	0	0	0	0	0	0	0	0	0	25	5-14	14
15:00	25	10	14	4	0	0	0	0	0	0	0	0	0	0	53	5-14	27
16:00	27	12	9	3	0	0	0	0	0	0	0	0	0	0	51	6-15	28
17:00	31	14	6	4	0	0	0	0	0	0	0	0	0	0	55	5-14	32
18:00	7	3	1	3	1	0	0	0	0	0	0	0	0	0	15	4-13	8
19:00	18	5	10	5	0	0	0	0	0	0	0	0	0	0	38	5-14	19
20:00	2	2	2	1	1	0	0	0	0	0	0	0	0	0	8	14-23	3
21:00	5	7	2	1	1	0	0	0	0	0	0	0	0	0	16	12-21	8
22:00	2	1	2	0	0	0	0	0	0	0	0	0	0	0	5	9-18	2
23:00	5	0	1	1	0	0	0	0	0	0	0	0	0	0	7	3-12	5
Total	258	86	90	42	6	0	482										
Percent	53.5%	17.8%	18.7%	8.7%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	07:00										08:00		
Vol.	24	7	9	6	2										37		
PM Peak	17:00	17:00	15:00	19:00	18:00										17:00		
Vol.	31	14	14	5	1										55		

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Mult-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4440
 Station ID:
 S. Fairview St.
 W. Dodds St. to W. Wylie St.
 Latitude: 0' 0.000 Undefined

Northbound, Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	Total	Pace Speed	Number in Pace	
04/18/13	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	18-27	2	
01:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7-16	2	
02:00	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8-17	4	
03:00	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23-32	2	
04:00	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	8-17	2	
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	19-28	1	
06:00	6	1	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	17	3-12	7	
07:00	17	6	13	4	1	0	0	0	0	0	0	0	0	0	0	0	0	41	5-14	19	
08:00	16	2	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	32	4-13	17	
09:00	16	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	26	4-13	16	
10:00	9	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5-14	10	
11:00	13	6	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	26	4-13	14	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Total	87	27	46	22	5	0	0	0	0	0	0	0	0	0	0	0	0	187			
Percent	46.5%	14.4%	24.6%	11.8%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	07:00	07:00	06:00	00:00														07:00		
Vol.	17	6	13	5	1														41		
PM Peak																					
Vol.																					
Total	508	176	192	95	18	0	0	0	0	0	0	0	0	0	0	0	0	989			
Percent	51.4%	17.8%	19.4%	9.6%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 5 MPH
 50th Percentile : 11 MPH
 85th Percentile : 22 MPH
 95th Percentile : 27 MPH

Stats
 10 MPH Pace Speed : 5-14 MPH
 Number in Pace : 534
 Percent in Pace : 54.0%
 Number of Vehicles > 30 MPH : 18
 Percent of Vehicles > 30 MPH : 1.8%
 Mean Speed(Average) : 13 MPH

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4435
Station ID:
W. Dodds St.
Deadend to S. Fairview St.
Latitude: 0' 0.000 Undefined

Start Time	15-Apr-13		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Eastbound	Westbou	Eastbou	Westbou												
12:00 AM	*	*	*	*	1	1	1	1	*	*	*	*	*	*	1	1
01:00	*	*	*	*	1	1	1	2	*	*	*	*	*	*	1	2
02:00	*	*	*	*	4	0	2	1	*	*	*	*	*	*	3	0
03:00	*	*	*	*	1	2	1	1	*	*	*	*	*	*	1	2
04:00	*	*	*	*	1	0	2	0	*	*	*	*	*	*	2	0
05:00	*	*	*	*	3	0	2	0	*	*	*	*	*	*	2	0
06:00	*	*	*	*	3	2	1	1	*	*	*	*	*	*	2	2
07:00	*	*	*	*	7	2	5	1	*	*	*	*	*	*	6	2
08:00	*	*	*	*	3	1	5	4	*	*	*	*	*	*	4	2
09:00	*	*	*	*	3	3	8	5	*	*	*	*	*	*	6	4
10:00	*	*	*	*	3	4	4	6	*	*	*	*	*	*	4	5
11:00	*	*	*	*	2	2	4	4	*	*	*	*	*	*	3	3
12:00 PM	*	*	1	14	4	5	*	*	*	*	*	*	*	*	2	10
01:00	*	*	1	5	8	2	*	*	*	*	*	*	*	*	4	4
02:00	*	*	6	4	6	5	*	*	*	*	*	*	*	*	6	4
03:00	*	*	5	4	9	8	*	*	*	*	*	*	*	*	7	6
04:00	*	*	3	7	6	12	*	*	*	*	*	*	*	*	4	10
05:00	*	*	5	8	4	9	*	*	*	*	*	*	*	*	4	8
06:00	*	*	7	6	3	3	*	*	*	*	*	*	*	*	5	4
07:00	*	*	2	5	3	5	*	*	*	*	*	*	*	*	2	5
08:00	*	*	2	5	4	3	*	*	*	*	*	*	*	*	3	4
09:00	*	*	2	0	1	2	*	*	*	*	*	*	*	*	2	1
10:00	*	*	1	1	2	1	*	*	*	*	*	*	*	*	2	1
11:00	*	*	1	0	1	1	*	*	*	*	*	*	*	*	1	0
Lane	0	0	36	59	83	74	36	26	0	0	0	0	0	0	77	80
Day	0	0	95		157		62		0	0	0	0	0	0	157	
AM Peak					07:00	10:00	09:00	10:00							07:00	10:00
Vol.					7	4	8	6							6	5
PM Peak			18:00	12:00	15:00	16:00									15:00	12:00
Vol.			7	14	9	12									7	10

Comb. Total	0	95	157	62	0	0	0	157
ADT	ADT 157	AADT 157						

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4435
Station ID:
W. Dodds St.
Deadend to S. Fairview St.
Latitude: 0' 0.000 Undefined

Eastbound																Total	Pace Speed	Number in Pace
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999				
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
13:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1	
14:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6	3-12	4	
15:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	8-17	3	
16:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2-11	2	
17:00	2	3	0	0	0	0	0	0	0	0	0	0	0	0	5	11-20	3	
18:00	5	2	0	0	0	0	0	0	0	0	0	0	0	0	7	4-13	5	
19:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
21:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1	
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
Total	23	12	1	0	0	0	0	0	0	0	0	0	0	0	36			
Percent	63.9%	33.3%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak Vol.																		
PM Peak Vol.	18:00 5	17:00 3	12:00 1												18:00 7			

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4435
 Station ID:
 W. Dodds St.
 Deadend to S. Fairview St.
 Latitude: 0' 0.000 Undefined

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
04/18/13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
02:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1
04:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
07:00	4	0	1	0	0	0	0	0	0	0	0	0	0	0	5	4-13	4
08:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	8-17	3
09:00	6	2	0	0	0	0	0	0	0	0	0	0	0	0	8	7-16	5
10:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6-15	3
11:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4	3-12	3
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	27	7	2	0	0	0	0	0	0	0	0	0	0	0	36		
Percent	75.0%	19.4%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	01:00												09:00		
Vol.	6	2	1												8		
PM Peak																	
Vol.																	
Total	106	46	3	0	0	0	0	0	0	0	0	0	0	0	155		
Percent	68.4%	29.7%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 4 MPH
 50th Percentile : 9 MPH
 85th Percentile : 15 MPH
 95th Percentile : 18 MPH

Stats
 10 MPH Pace Speed : 5-14 MPH
 Number in Pace : 101
 Percent in Pace : 65.2%
 Number of Vehicles > 30 MPH : 0
 Percent of Vehicles > 30 MPH : 0.0%
 Mean Speed(Average) : 11 MPH

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4435
 Station ID:
 W. Dodds St.
 Deadend to S. Fairview St.
 Latitude: 0' 0.000 Undefined

Westbound	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total	Pace Speed	Number in Pace
04/16/13		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM		14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	5-14	11
13:00		4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4-13	4
14:00		3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3-12	3	
15:00		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6-15	3	
16:00		4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	9-18	4	
17:00		5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6-15	5	
18:00		6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2-11	5	
19:00		1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10-19	4	
20:00		3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8-17	3	
21:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
22:00		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
23:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
Total		45	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59			
Percent		76.3%	23.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak Vol.																															
PM Peak Vol.	12:00	14	19:00	4																								12:00	14		

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4435
Station ID:
W. Dodds St.
Deadend to S. Fairview St.
Latitude: 0' 0.000 Undefined

Westbound																Total	Pace Speed	Number in Pace
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999				
04/17/13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
03:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
06:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1	
07:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2	
08:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
09:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	11-20	3	
10:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6-15	3	
11:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1	
12 PM	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5	6-15	3	
13:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
14:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	8-17	3	
15:00	5	3	0	0	0	0	0	0	0	0	0	0	0	0	8	6-15	5	
16:00	6	4	2	0	0	0	0	0	0	0	0	0	0	0	12	5-14	7	
17:00	6	3	0	0	0	0	0	0	0	0	0	0	0	0	9	4-13	6	
18:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	1-10	2	
19:00	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5	8-17	3	
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	16-25	2	
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2	
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1	
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
Total	41	26	7	0	74													
Percent	55.4%	35.1%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	10:00	09:00	01:00												10:00			
Vol.	4	3	1												4			
PM Peak	16:00	16:00	16:00												16:00			
Vol.	6	4	2												12			

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Engineering Department
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 Weather: Warm, some rain

Site Code: p4435
 Station ID:
 W. Dodds St.
 Deadend to S. Fairview St.
 Latitude: 0' 0.000 Undefined

Westbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
04/18/13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	5-14	1
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
08:00	2	2	0	0	0	0	0	0	0	0	0	0	0	4	12-21	2	
09:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5	4-13	4	
10:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6	2-11	5	
11:00	3	1	0	0	0	0	0	0	0	0	0	0	0	4	3-12	3	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	19	6	1	0	0	0	0	0	0	0	0	0	0	0	26		
Percent	73.1%	23.1%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	08:00	01:00												10:00		
Vol.	6	2	1												6		
PM Peak																	
Vol.																	
Total	105	46	8	0	0	0	0	0	0	0	0	0	0	0	159		
Percent	66.0%	28.9%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 5 MPH
 50th Percentile : 10 MPH
 85th Percentile : 16 MPH
 95th Percentile : 20 MPH

Stats
 10 MPH Pace Speed : 6-15 MPH
 Number in Pace : 101
 Percent in Pace : 63.5%
 Number of Vehicles > 30 MPH : 0
 Percent of Vehicles > 30 MPH : 0.0%
 Mean Speed(Average) : 11 MPH

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4435
Station ID:
W. Dodds St.
Deadend to S. Fairview St.
Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76 999	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	14	0	1	0	0	0	0	0	0	0	0	0	0	0	15	4-13	12
13:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6	3-12	4
14:00	7	3	0	0	0	0	0	0	0	0	0	0	0	0	10	5-14	7
15:00	7	2	0	0	0	0	0	0	0	0	0	0	0	0	9	6-15	6
16:00	6	4	0	0	0	0	0	0	0	0	0	0	0	0	10	8-17	6
17:00	7	6	0	0	0	0	0	0	0	0	0	0	0	0	13	5-14	8
18:00	11	2	0	0	0	0	0	0	0	0	0	0	0	0	13	6-15	9
19:00	3	4	0	0	0	0	0	0	0	0	0	0	0	0	7	12-21	4
20:00	5	2	0	0	0	0	0	0	0	0	0	0	0	0	7	4-13	5
21:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
Total	68	26	1	0	0	0	0	0	0	0	0	0	0	0	95		
Percent	71.6%	27.4%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	12:00 14	17:00 6	12:00 1												12:00 15		

City of Bloomington
Engineering Department
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 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4435
 Station ID:
 W. Dodds St.
 Deadend to S. Fairview St.
 Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	Total	Pace Speed	Number in Pace
04/18/13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
01:00	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	17-26	2
02:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7-16	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
04:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2-11	2
07:00	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6-15	4
08:00	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	10-19	5
09:00	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	3-12	9
10:00	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	4-13	8
11:00	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	7-16	5
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	46	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	62		
Percent	74.2%	21.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	01:00																
Vol.	10	4	2																
PM Peak																	09:00		
Vol.																	13		
Total	211	92	11	0	0	0	0	0	0	0	0	0	0	0	0	0	314		
Percent	67.2%	29.3%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 5 MPH
 50th Percentile : 9 MPH
 85th Percentile : 16 MPH
 95th Percentile : 19 MPH

Stats
 10 MPH Pace Speed : 5-14 MPH
 Number in Pace : 202
 Percent in Pace : 64.3%
 Number of Vehicles > 30 MPH : 0
 Percent of Vehicles > 30 MPH : 0.0%
 Mean Speed(Average) : 11 MPH

City of Bloomington Engineering Department

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4436
Station ID: SN:024812
W. Dodds St.
S. Fairview St. to S. Rogers St.
Latitude: 0' 0.000 Undefined

Start Time	15-Apr-13		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Eastbound	Westbou	Eastbou	Westbou												
12:00 AM	*	*	*	*	3	1	1	1	*	*	*	*	*	*	2	1
01:00	*	*	*	*	2	1	2	7	*	*	*	*	*	*	2	4
02:00	*	*	*	*	0	0	3	6	*	*	*	*	*	*	2	3
03:00	*	*	*	*	1	1	5	2	*	*	*	*	*	*	3	2
04:00	*	*	*	*	1	0	2	0	*	*	*	*	*	*	2	0
05:00	*	*	*	*	3	0	4	0	*	*	*	*	*	*	4	0
06:00	*	*	*	*	8	4	6	2	*	*	*	*	*	*	7	3
07:00	*	*	*	*	30	1	35	4	*	*	*	*	*	*	32	2
08:00	*	*	*	*	35	7	32	4	*	*	*	*	*	*	34	6
09:00	*	*	*	*	27	10	24	7	*	*	*	*	*	*	26	8
10:00	*	*	*	*	26	7	12	6	*	*	*	*	*	*	19	6
11:00	*	*	*	*	20	4	24	7	*	*	*	*	*	*	22	6
12:00 PM	*	*	29	11	24	15	*	*	*	*	*	*	*	*	26	13
01:00	*	*	27	14	23	7	*	*	*	*	*	*	*	*	25	10
02:00	*	*	33	8	25	9	*	*	*	*	*	*	*	*	29	8
03:00	*	*	25	4	35	6	*	*	*	*	*	*	*	*	30	5
04:00	*	*	42	11	36	11	*	*	*	*	*	*	*	*	39	11
05:00	*	*	40	12	53	16	*	*	*	*	*	*	*	*	46	14
06:00	*	*	20	8	24	7	*	*	*	*	*	*	*	*	22	8
07:00	*	*	12	8	21	13	*	*	*	*	*	*	*	*	16	10
08:00	*	*	12	6	15	7	*	*	*	*	*	*	*	*	14	6
09:00	*	*	7	2	11	4	*	*	*	*	*	*	*	*	9	3
10:00	*	*	3	4	7	3	*	*	*	*	*	*	*	*	5	4
11:00	*	*	3	2	2	4	*	*	*	*	*	*	*	*	2	3
Lane	0	0	253	90	432	138	150	46	0	0	0	0	0	0	418	136
Day	0	0	343	90	570	138	196	46	0	0	0	0	0	0	554	136
AM Peak					08:00	09:00	07:00	01:00							08:00	09:00
Vol.					35	10	35	7							34	8
PM Peak			16:00	13:00	17:00	17:00									17:00	17:00
Vol.			42	14	53	16									46	14

Comb. Total	0	343	570	196	0	0	0	554
ADT	ADT 555	AADT 555						

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4436
Station ID: SN:024812
W. Dodds St.
S. Fairview St. to S. Rogers St.
Latitude: 0' 0.000 Undefined

Eastbound																	
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	7	12	8	2	0	0	0	0	0	0	0	0	0	0	29	11-20	15
13:00	3	8	11	5	0	0	0	0	0	0	0	0	0	0	27	16-25	15
14:00	7	9	10	7	0	0	0	0	0	0	0	0	0	0	33	17-26	14
15:00	2	8	10	5	0	0	0	0	0	0	0	0	0	0	25	15-24	14
16:00	12	10	17	2	1	0	0	0	0	0	0	0	0	0	42	15-24	19
17:00	3	14	18	5	0	0	0	0	0	0	0	0	0	0	40	16-25	24
18:00	6	4	7	3	0	0	0	0	0	0	0	0	0	0	20	5-14	8
19:00	1	5	6	0	0	0	0	0	0	0	0	0	0	0	12	14-23	8
20:00	1	2	7	2	0	0	0	0	0	0	0	0	0	0	12	17-26	8
21:00	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7	15-24	5
22:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	19-28	3
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	16-25	2
Total	42	77	100	33	1	0	0	0	0	0	0	0	0	0	253		
Percent	16.6%	30.4%	39.5%	13.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00 12	17:00 14	17:00 18	14:00 7	16:00 1										16:00 42		

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4436
 Station ID: SN:024812
 W. Dodds St.
 S. Fairview St. to S. Rogers St.
 Latitude: 0' 0.000 Undefined

Eastbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
04/18/13	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
01:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
02:00	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3	18-27	1
03:00	1	1	2	1	0	0	0	0	0	0	0	0	0	0	5	22-31	2
04:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
05:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	4	19-28	3
06:00	1	0	4	1	0	0	0	0	0	0	0	0	0	0	6	20-29	4
07:00	3	13	16	3	0	0	0	0	0	0	0	0	0	0	35	16-25	21
08:00	0	11	16	5	0	0	0	0	0	0	0	0	0	0	32	17-26	21
09:00	2	9	6	6	1	0	0	0	0	0	0	0	0	0	24	13-22	12
10:00	0	5	3	4	0	0	0	0	0	0	0	0	0	0	12	19-28	6
11:00	1	6	14	2	1	0	0	0	0	0	0	0	0	0	24	17-26	16
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	10	48	67	23	2	0	150										
Percent	6.7%	32.0%	44.7%	15.3%	1.3%	0.0%											
AM Peak	07:00	07:00	07:00	09:00	09:00											07:00	
Vol.	3	13	16	6	1											35	
PM Peak																	
Vol.																	
Total	121	259	354	96	5	0	0	0	0	0	0	0	0	0	835		
Percent	14.5%	31.0%	42.4%	11.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 9 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 451
 Percent in Pace : 54.0%
 Number of Vehicles > 30 MPH : 13
 Percent of Vehicles > 30 MPH : 1.5%
 Mean Speed(Average) : 18 MPH

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4436
Station ID: SN:024812
W. Dodds St.
S. Fairview St. to S. Rogers St.
Latitude: 0' 0.000 Undefined

Westbound																	
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	4	3	3	1	0	11	7-16	5									
13:00	4	6	3	1	0	14	13-22	7									
14:00	3	4	1	0	8	9-18	5										
15:00	1	1	1	1	0	4	8-17	2									
16:00	2	5	3	1	0	11	13-22	6									
17:00	2	4	3	2	1	0	12	17-26	5								
18:00	2	4	1	1	0	8	14-23	4									
19:00	2	1	5	0	8	19-28	4										
20:00	0	3	2	1	0	6	12-21	4									
21:00	1	0	1	0	2	5-14	1										
22:00	2	0	2	0	4	5-14	2										
23:00	0	1	1	0	2	19-28	1										
Total	23	32	26	8	1	0	90										
Percent	25.6%	35.6%	28.9%	8.9%	1.1%	0.0%											
AM Peak Vol.																	
PM Peak Vol.	12:00 4	13:00 6	19:00 5	17:00 2	17:00 1										13:00 14		

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4436
Station ID: SN:024812
W. Dodds St.
S. Fairview St. to S. Rogers St.
Latitude: 0' 0.000 Undefined

Westbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
04/17/13	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4	15-24	2
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1
08:00	4	1	2	0	0	0	0	0	0	0	0	0	0	0	7	5-14	4
09:00	3	3	2	2	0	0	0	0	0	0	0	0	0	0	10	13-22	4
10:00	5	2	0	0	0	0	0	0	0	0	0	0	0	0	7	4-13	5
11:00	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4	15-24	2
12 PM	6	3	4	2	0	0	0	0	0	0	0	0	0	0	15	4-13	7
13:00	3	1	1	2	0	0	0	0	0	0	0	0	0	0	7	7-16	3
14:00	2	2	3	2	0	0	0	0	0	0	0	0	0	0	9	14-23	4
15:00	3	1	1	1	0	0	0	0	0	0	0	0	0	0	6	7-16	3
16:00	0	4	6	1	0	0	0	0	0	0	0	0	0	0	11	15-24	8
17:00	3	8	3	2	0	0	0	0	0	0	0	0	0	0	16	12-21	9
18:00	1	3	2	1	0	0	0	0	0	0	0	0	0	0	7	11-20	4
19:00	1	5	5	2	0	0	0	0	0	0	0	0	0	0	13	18-27	7
20:00	3	3	1	0	0	0	0	0	0	0	0	0	0	0	7	5-14	4
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	11-20	4
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	19-28	2
23:00	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4	10-19	3
Total	36	49	34	19	0	138											
Percent	26.1%	35.5%	24.6%	13.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	09:00	08:00	09:00											09:00		
Vol.	5	3	2	2											10		
PM Peak	12:00	17:00	16:00	12:00											17:00		
Vol.	6	8	6	2											16		

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4436
 Station ID: SN:024812
 W. Dodds St.
 S. Fairview St. to S. Rogers St.
 Latitude: 0' 0.000 Undefined

Westbound	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
04/18/13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8-17	1
01:00	4	1	0	2	0	0	0	0	0	0	0	0	0	0	7	5-14	4
02:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0	6	9-18	3
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
07:00	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4	12-21	2
08:00	1	0	3	0	0	0	0	0	0	0	0	0	0	0	4	21-30	2
09:00	1	3	1	2	0	0	0	0	0	0	0	0	0	0	7	12-21	4
10:00	1	3	1	0	1	0	0	0	0	0	0	0	0	0	6	14-23	3
11:00	2	1	3	1	0	0	0	0	0	0	0	0	0	0	7	19-28	3
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	14	17	9	5	1	0	46										
Percent	30.4%	37.0%	19.6%	10.9%	2.2%	0.0%											
AM Peak	01:00	09:00	08:00	01:00	10:00										01:00		
Vol.	4	3	3	2	1										7		
PM Peak																	
Vol.																	
Total	73	98	69	32	2	0	274										
Percent	26.6%	35.8%	25.2%	11.7%	0.7%	0.0%											

15th Percentile : 7 MPH
 50th Percentile : 15 MPH
 85th Percentile : 23 MPH
 95th Percentile : 27 MPH

Stats
 10 MPH Pace Speed : 12-21 MPH
 Number in Pace : 128
 Percent in Pace : 46.7%
 Number of Vehicles > 30 MPH : 4
 Percent of Vehicles > 30 MPH : 1.5%
 Mean Speed(Average) : 16 MPH

**City of Bloomington
Engineering Department**

401 N. Morton St., Suite 130
Bloomington, IN 47404
812-349-3417

For: Multi-way Stop Request
Counted By: PK/EE
Weather: Warm, some rain

Site Code: p4436
Station ID: SN:024812
W. Dodds St.
S. Fairview St. to S. Rogers St.
Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
04/16/13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	11	15	11	3	0	0	0	0	0	0	0	0	0	0	40	14-23	19
13:00	7	14	14	6	0	0	0	0	0	0	0	0	0	0	41	15-24	21
14:00	10	13	11	7	0	0	0	0	0	0	0	0	0	0	41	10-19	18
15:00	3	9	11	6	0	0	0	0	0	0	0	0	0	0	29	18-27	15
16:00	14	15	20	3	1	0	0	0	0	0	0	0	0	0	53	15-24	25
17:00	5	18	21	7	1	0	0	0	0	0	0	0	0	0	52	16-25	29
18:00	8	8	8	4	0	0	0	0	0	0	0	0	0	0	28	7-16	12
19:00	3	6	11	0	0	0	0	0	0	0	0	0	0	0	20	17-26	12
20:00	1	5	9	3	0	0	0	0	0	0	0	0	0	0	18	18-27	11
21:00	1	3	4	1	0	0	0	0	0	0	0	0	0	0	9	17-26	5
22:00	2	0	4	1	0	0	0	0	0	0	0	0	0	0	7	18-27	4
23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5	13-22	4
Total	65	109	126	41	2	0	0	0	0	0	0	0	0	0	343		
Percent	19.0%	31.8%	36.7%	12.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00	17:00	17:00	14:00	16:00										16:00		
	14	18	21	7	1										53		

City of Bloomington
Engineering Department
 401 N. Morton St., Suite 130
 Bloomington, IN 47404
 812-349-3417

For: Multi-way Stop Request
 Counted By: PK/EE
 Weather: Warm, some rain

Site Code: p4436
 Station ID: SN:024812
 W. Dodds St.
 S. Fairview St. to S. Rogers St.
 Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
04/18/13	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	19-28	1
01:00	4	1	1	3	0	0	0	0	0	0	0	0	0	0	0	9	7-16	4
02:00	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9	5-14	5
03:00	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	7	11-20	4
04:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	1
05:00	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4	19-28	3
06:00	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	8	16-25	5
07:00	5	15	16	3	0	0	0	0	0	0	0	0	0	0	0	39	16-25	22
08:00	1	11	19	5	0	0	0	0	0	0	0	0	0	0	0	36	16-25	24
09:00	3	12	7	8	1	0	0	0	0	0	0	0	0	0	0	31	14-23	15
10:00	1	8	4	4	1	0	0	0	0	0	0	0	0	0	0	18	12-21	10
11:00	3	7	17	3	1	0	0	0	0	0	0	0	0	0	0	31	16-25	19
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	24	65	76	28	3	0	0	0	0	0	0	0	0	0	0	196		
Percent	12.2%	33.2%	38.8%	14.3%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	08:00	09:00	09:00											07:00		
Vol.	5	15	19	8	1											39		
PM Peak																		
Vol.																		
Total	194	357	423	128	7	0	0	0	0	0	0	0	0	0	0	1109		
Percent	17.5%	32.2%	38.1%	11.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 9 MPH
 50th Percentile : 17 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 10 MPH Pace Speed : 15-24 MPH
 Number in Pace : 565
 Percent in Pace : 50.9%
 Number of Vehicles > 30 MPH : 17
 Percent of Vehicles > 30 MPH : 1.5%
 Mean Speed(Average) : 18 MPH



Justin Wykoff <wykoffj@bloomington.in.gov>

First United Methodist Church loading zone request

Marie Lang <mlang@fumcb.org>

Wed, May 29, 2013 at 3:37 PM

To: "wykoffj@bloomington.in.gov" <wykoffj@bloomington.in.gov>

Jason,

Thanks for speaking with me today. As I mentioned to you, it would be helpful to have an area of 4th Street between Washington and Lincoln, adjacent to the church courtyard, (across from the front door of the old post office building) designated as a 'ten minute loading zone' and not subject to metered parking. Our Parents Day Out program requires that parents accompany their children inside the building to sign them in and out; the area mentioned above is utilized by parents to avoid having to cross traffic with children, babies and equipment in tow. This is also the area that is used by cars and trucks making deliveries of food for our Wednesday Pantry outreach ministry and for those dropping off handicapped individuals for meetings, events and services at the church.

On a side note, you may be aware that we are now in the process of having the old post office building taken down. Within the next four to six weeks, we will begin construction of our Labyrinth/Columbarium in the courtyard area off of 4th Street. Because of the construction, it might be safer if the parking meter installation along this block of 4th St (between Lincoln and Washington Sts.) could be delayed until the latter part of the summer.

If I can offer any additional information that would be helpful in considering our request, please let me know.

Rev. Marie Lang

Church Administrator

First United Methodist Church of Bloomington

812.332.6396 ext. 0736

www.fumcb.org



City of Bloomington
Public Works Department
Engineering Department

TRAFFIC COMMISSION STAFF REPORT

Meeting Date: June 26, 2013

Subject: 4th Street Loading Zone - Lincoln Street to Washington Street

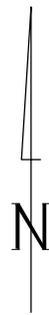
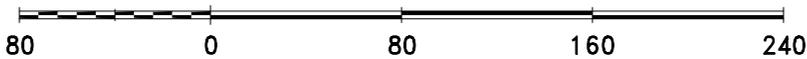
Report: The City of Bloomington Engineering Department received a request from Rev. Marie Lang of the First United Methodist Church for a loading zone on 4th Street between Washington Street and Lincoln Street for the purpose of dropping off children for their 'Parents Day Out Program', as well as a location used for loading and unloading of vehicles for their 'Pantry Outreach Program'.

Recommendation: Staff recommends the approval of this loading zone and is supportive of the community efforts of the church in the downtown. The final location of the loading zone needs to be determined. At this time no exceptions have been allowed to exclude any loading zone from metered parking, and therefore this area, should a loading zone be approved will be metered.

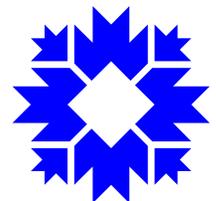


East 4th Street Loading Zone

By: kehrberg
20 Jun 13



City of Bloomington
Engineering



Scale: 1" = 80'

For reference only; map information NOT warranted.



15 MINUTE
PARKING

MONDAY - SATURDAY
5:00am - 5:00pm



**PARKING LIMITED TO ONE
15 MIN. PERIOD PER DAY
WITHIN THIS BLOCK**

TICKETS ISSUED EVERY 15 MIN.

TRAFFIC COMMISSION
PARKING DIVISION
348-3487

THE PEOPLE'S FIELD
MICHIGAN STATE UNIVERSITY
2010



RANGER
Ford
INDIANA
78573

15
NO PARKING
EXCEPT FOR
EMERGENCY VEHICLES
OR VEHICLES WITH
A PERMIT



2
Blue Street

NOTICE OF MEETING
TRAFFIC COMMISSION
PARKING CHANGES
349-3417



