

**BLOOMINGTON TRAFFIC COMMISSION
AGENDA
MAY 25, 2011
5:30 P.M. – COUNCIL CHAMBERS**

I. ROLL CALL

II. APPROVAL OF MINUTES

April 27, 2011

III. REPORTS AND ANOUNCEMENTS

IV. OLD BUSINESS

A. East/west alley between Walnut & Washington and Grimes & Davis

Ian Woollen's request to make the alley one-way westbound.

V. NEW BUSINESS

A. East Moore's Pike & Olcott Blvd

Claire Robertson's request for a multi-way stop.

VI. DISCUSSION

VII. ADJOURNMENT

**EBLOOMINGTON TRAFFIC COMMISSION
MINUTES OF THE MEETING
APRIL 27, 2011**

I. ROLL CALL

Members Present: Mike Avila, Paul Kehrberg (serving for James Batcho),
Derek Neff, Adrian Reid, Sara Ryterband, Jeff Weber
Staff Present: Justin Wykoff, Denise Dean

II. APPROVAL OF MINUTES

Weber made the motion to approve the minutes of the February 23, 2011 meeting. Neff seconded the motion. The motion carried with a vote of 5-0-0 (Ryterband arrived after roll call and approval of minutes).

III. REPORTS AND ANNOUNCEMENTS

There was none at this time.

IV. OLD BUSINESS

There was none at this time.

V. NEW BUSINESS

A. West Wylie Street West of Rogers Street – Bloomington Hospital's request for a bus zone

Wykoff stated Bloomington Hospital owns the building at the corner of Wylie & Rogers. There is a pull off in the back of the building facing Wylie Street in which their shuttle van currently uses for drop off and pick up. The Hospital is proposing improving the existing sidewalk, adding a bus zone for the shuttle van as well as creating more on street parking. Bill Riggert, consultant from BRG, and Mark Crain, Vice President Bloomington Hospital, were present at the meeting. Riggert stated the current building at the corner was being renovated and there would be classrooms for training. The shuttle van currently serves the Hospital employees to take them back and forth from the parking lot down by Cook Pharmica. Riggert stated there would be days the shuttle van would not be used at the Rogers Street building while other days there could be several trips. Riggert stated the request is for a 40' space to accommodate the shuttle van.

Paul Ash: He is a member of the McDoel Garden Neighborhood Association and is very upset that the association was not notified of the

meeting. He does not understand why the shuttle has to run along Wylie Street instead of using 1st Street.

Chris File: He stated there currently are bus zones on Rogers Street; one near Wylie Street and the other one near Dodds Street. He feels having the bus zone on a one-way street would be very tight.

Emilie Murray-513 W. Wylie Street: She is not in favor of the busses going in front of her house all day long. Murray stated when the building was the Convalescent Center there was not a lot of traffic. She is not able to use her front porch because of the noise. She is happy that the zone would be used by a shuttle van instead of a transit bus but would still not like the disturbances.

Elizabeth Cox-Ash: She is a member of the Neighborhood Association and is concerned about the notification process for the meeting. The only ones notified were those who lived in the block. This did not include all property owners since there are rentals. She does not understand why the shuttle van can not use 1st Street.

Michael Valliant-608 W. Dodds Street: He is in favor of the hospital staying where they currently are. He is concerned about Wylie Street being so narrow and the increase in traffic on both Wylie and Fairview. He does not understand why the hospital can't use the parking lot off of 1st Street.

Glee Noble-605 W. Wylie Street: She has grandchildren she watches during the week and is concerned about the increase of traffic along a narrow street.. She is in favor of the hospital using the parking lot off of 1st Street.

Jack Baker: He is a member of the Neighborhood Association and is not in favor of the bus zone. He believes this is only a temporary way to relieve parking in the neighborhood. Baker feels the hospital should use 1st Street or the existing parking lot to the north of the building.

Mark Crain stated the renovation project is the first phase of a multi-phase project. The lower level of the building will be used for clinical space. The parking lot to the north of the building will be used for the patients and families using the clinical spaces and therefore could not be used. Crain stated they were creating the bus zone for the shuttle van to help encourage people to park their vehicles in the parking lot by Cook Pharmica and use the shuttle. Crain stated if the neighborhood is not in favor of the bus zone they would do away with the proposal. Ryterband questioned on why the hospital did not contact more residents in the neighborhood. Crain stated he would look into what happened.

Ryterband stated she liked the idea of the shuttle van but did not understand why the hospital did not use the bus zone on Rogers Street. Crain stated he did not know if a private facility could use a City bus zone. Ryterband made a motion to recommend the approval of the request to table this item to allow the hospital to work with the neighborhood and look at other alternatives. Neff seconded the motion. The motion carried with a vote of 6-0-0.

B. East/West alley between Walnut & Washington and Grimes & Davis – Ian Woollen’s request to make the alley one-way westbound

Wykoff stated the City did counts in the alleyway and the numbers for a 36 hour period were: eastbound – 91 and westbound – 21. The request goes against the direction most vehicles are traveling. Wykoff stated the City does not support the request due to the numbers. Avila asked if the BP station was notified. Wykoff stated they were notified but did not comment. Weber asked if something could be said to the station owners to have them discourage customers from using the alley. Ian Woollen lives at 1106 S. Washington Street which is on the alley. He remembers 15 years ago when the alley went all the way through to Walnut Street before the station was built. Woollen stated in the original design there was to be a wall to block off commercial from residential but this was not approved. There are markings in the lot that encourage drivers to use the north/south alley. The portion of the alley that is near Woollen’s house is dirt. Woollen understands there have been no accidents but there have been several close calls. Ryterband stated would people really stop going eastbound if the alley is made one-way westbound. Woollen stated if tickets were issued this would discourage drivers. Wykoff stated he could look at the original Plan Commission approvals to make sure everything was completed. Ryterband asked what the City can do if the criteria were not met. Ryterband made a motion to recommend the approval of the request to table this request to allow the City to look at the Plan Commission approvals from the original case. Weber seconded the motion. The motion carried with a vote of 6-0-0.

C. Smith Avenue from South Washington Street to South Lincoln Street – The Project School’s request to make the street one-way westbound.

Wykoff stated the Project School has had a problem with traffic stacking on Washington Street during drop off and pick up times. Smith Avenue in this area is currently one-way eastbound. Wykoff stated recently the Engineering Department, Project School and the Parks & Recreation Department had been having talks about changing the original request from making Smith one-way westbound to making it two-way in this block. Tim Pritchett, Facility Program Manager for the Allison Jukebox, over sees Kid City in this area. People have to get to the lot in the back of

the building and sometimes have to go several blocks around and by making Smith Avenue two-way would be beneficial. Ryterband stated as a bike rider she would like to see Smith become two-way. Ryterband made a motion to recommend the approval of the request to make Smith Avenue two-way from Washington Street to Lincoln Street. Neff seconded the motion. The motion carried with a vote of 6-0-0.

D. West 7th Street from Oak Street to Maple Street – The Near West Side Neighborhood Association’s request for alternate parking.

Wykoff stated this request was made by the Neighborhood Association. Seventh Street is different than other streets in the city in that there are some blocks that have three alley ways. Wykoff stated approximately 5 years ago this type of alternate parking was done on 6th Street. It creates a narrow effect and slows down traffic. Ryterband asked if the circle at 7th & Waldron would go away. Wykoff stated it would not because the circle was part of a traffic calming project. Avila asked if there was parking currently allowed on both sides of 7th Street. Wykoff stated there is only parking allowed on the south side. Weber stated they had received an e-mail from John Bavender (attached) and one of his concerns was this change would create accidents. Weber asked if the City knew if there had been any accidents on 6th Street caused by the parking change. Wykoff stated not that he was aware of.

Wayne Young-822 W. 7th Street: He is part of the Neighborhood Association and walked around the neighborhood for the past week to come up with the map showing the alternate parking. The curb in this area is low and he has had to jump back into his yard because drivers have come close to jumping the curb. Young stated there would not be a loss of parking spaces and it would take the residents awhile to get used to the change.

Cleveland Thomas-1021 W. 7th Street: He has lived in this area since 1968 and has had no problems with the street. He raised seven children in this neighborhood. Thomas does not like the traffic calming circles and feels the alternate parking will only make a supposed bad situation worse.

David Bridgewater-915 W. 7th Street: He has lived in this neighborhood for 74 years and doesn’t understand how the alternate parking will help anything. He feels the circles are a hazard. Bridgewater stated he is concerned about the emergency vehicles getting through with the alternate parking. This idea may have worked on 6th Street but he feels 7th Street is not as wide.

Burhan Elturan-810 W. 7th Street: He either walks or rides his bike, he does not drive. He has had to go up on the sidewalk on several occasions

because of drivers speeding. Elturan stated it is a miracle no one has been killed but does the City have to wait until someone is before they do something. The alternate parking will be a benefit to bicyclists.

Tom & Judy Flynn-835 W. 7th Street: She is in favor of anything that will help slow down traffic. They like the traffic calming circles and feel they have been helpful. The concern is in front of the Banneker Center since there is no buffer between the wall and 7th Street.

Bridgewater asked if the emergency service groups were notified of the change. Wykoff stated the alternate parking does not change the width of the street; therefore, there was no need to notify them. Neff asked if traffic counts were done before and after the alternate parking was implemented on 6th Street. Ryterband made a motion to recommend the approval of the request for alternate parking, per the Neighborhood Association's map, on West 7th Street from Oak Street to Maple Street. Neff seconded the motion. The motion carried with a vote of 6-0-0.

E. College Avenue from 11th Street to the railroad tracks – Lyle Feigenbaum's request for 2 hour parking

Wykoff stated the original request was to make this area 2 hours parking. Then there was an additional request to make this area similar to the block to the south of 11th Street which is a combo 2 hour/neighborhood zone parking. The City is not in favor of this change.

Terry English-820 N. College Avenue: He has had his business in this building for 27 years. Since his building is considered historic he can not add parking on site so he depends on the on street parking. His request is to make the parking 4 hour parking Monday thru Saturday from 8:00 a.m. to 5:00 p.m. Unlike the downtown parking, you are able to park in the same block.

Lyle Feigenbaum-717 & 801 N. College Avenue: He made the original request for 2 hour parking due to problems he has had with storage parking in front of his business. He is not in favor of the neighborhood parking zones because he feels this will hurt his customers but is in favor of the change to 4 hour parking.

Ryterband stated she thought there was something in the code where you could not park on the street for an extended period of time. Wykoff stated this in relation to the size of the vehicle which he believes is over one ton. Wykoff stated he did not have a problem with changing the time restriction to 4 hour but would need to check with City Legal in regards to being able to park in the same block. The Commission could go ahead and approve the amended request contingent upon Engineering working

with City Legal about the question in regards to parking in the same block. Neff made a motion to recommend the approval of the request for 4 hour parking on both the east/west sides of College Avenue from 11th Street to the railroad tracks. City Engineering will look into the portion of the request in regards to block restriction. Ryterband seconded the motion. The motion carried with a vote of 6-0-0.

- F. Country Club Drive & B-Line Trail – Parks & Recreation request for the installation of a HAWK signal.

Wykoff stated the City had recently brought a similar request to the Commission for the intersection of 19th & Dunn. The City is in favor of this request. Dave Williams, City Parks & Recreation Department, was present at the meeting. Williams stated this type of signal would be the first at a trail crossing. Williams stated the City has the money, through a grant, to install such a signal. If the signal creates more of a problem, it can be turned off and other alternatives looked at. Neff made a motion to recommend the approval of the request for a HAWK signal at Country Club Drive and B-Line Trail. Weber seconded the motion. The motion carried with a vote of 5-0-0. (NOTE: Ryterband left the meeting prior to the vote of this request as well as the remaining requests).

- G. Kirkwood Avenue from Dunn Street to Indiana Avenue – request to change the parking on the south side from 1 hour to 2 hour.

Wykoff stated this area was brought to the Engineering Department's attention by the City Parking Enforcement Division. The change is to make the south side consistent with the north side as well as the rest of the downtown. Weber made a motion to recommend the approval of the request to change parking on the south side of Kirkwood Avenue, from Dunn Street to Indiana Avenue, from 1 hour parking to 2 hour parking. Avila seconded the motion. The motioned carried with a vote of 5-0-0.

- H. Union Street from East 7th Street to East 10th Street – IU's request to restrict the parking on the west side to 2 hour.

Wykoff stated the City has quarterly meetings with IU and this area was brought up in regards to problems with storage parking. The east side is currently marked no parking and there are long stretches of no parking on the west side where there are visibility issues. The parking change will help with enforcement and parking turn over. Weber made a motion to recommend the approval of the request to restrict the parking on the west side of Union Street from 7th Street to 10th Street to 2 hour. Neff seconded the motion. The motion carried with a vote of 5-0-0.

- I. West 3rd Street from Patterson Drive to Franklin Road/Wynnedale Drive-request to lower the speed limit to 30 MPH.

Wykoff stated the City took this area to the Commission in January to have the speed limit lowered to 35 MPH. After the January meeting, it was requested from another City Department to lower the speed to 30 MPH. The City is currently looking at lowering the speed limit on residential streets to 25 MPH and the lower speed of 30 will work into the process. Avila stated he does not have a problem with making 3rd Street 30 MPH up to Landmark Avenue but believes it should be 35 MPH from Landmark going west. Reid stated it doesn't make a difference if the speed is lowered to 30 MPH because people will drive what they feel comfortable. Neff stated the 3rd Street Project is adding two new signals and sidewalks. The Commission could look at the request to lower the speed limit to 30 MPH at a later time when there is more pedestrian usage. Avila made a motion to recommend the approval to lower the speed limit on West 3rd Street from Patterson Drive to Landmark to 30 MPH. The speed limit on West 3rd Street from Landmark to Franklin Road/Wynnedale Drive will remain 35 MPH. Weber seconded the motion. The motion carried with a vote of 5-0-0.

VI. DISCUSSION

There was none at this time.

VII. ADJOURNMENT

The meeting adjourned at 7:45 p.m. The next meeting is scheduled for May 25, 2011.

VIII. DISCUSSION

There was none at this time.

IX. ADJOURNMENT

The meeting adjourned at 7:45 p.m. The next meeting is scheduled for May 25, 2011.

Request Order

Ticket Number: 74066

Source: Phone Call

Case Number:

Location

Address: E MOORES PIKE

Citizen

Name: CLAIRE ROBERTSON

Phone:

Alt Phone:

Email:

Problem

Department: Engineering Department

Inv. Dept.:

Request Type: TRAFFIC - STOP SIGN REQUEST

Details:

Claire Robertson is requesting a multi-way stop at Moore's Pike & Olcott Blvd. It is difficult to cross the street to get to the sidewalk on the north side of Moore's Pike. The visibility due to the hills is terrible.

Length of Problem

Received

Received by

05/16/2011

DEAND

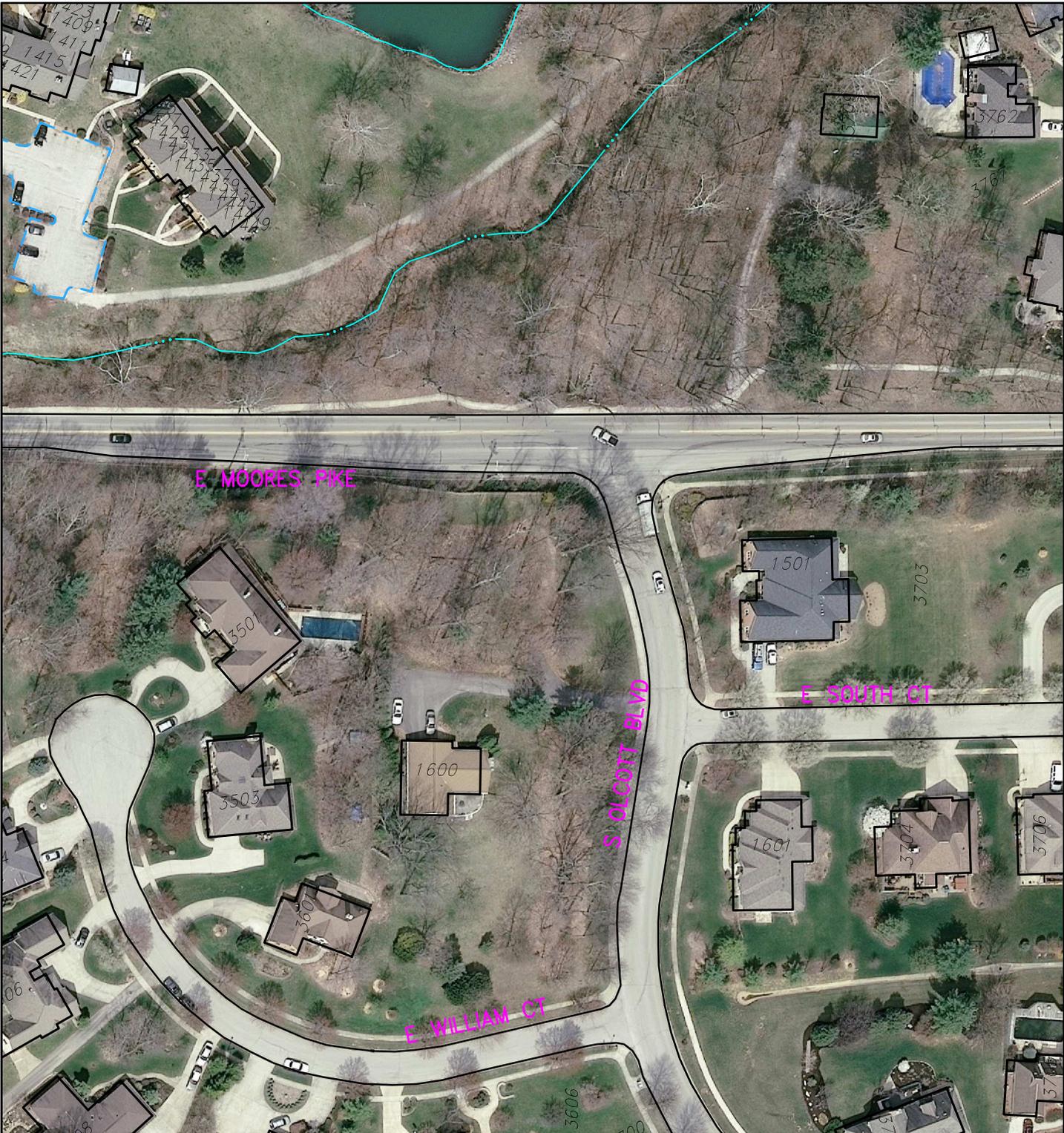
Assignment

Inspection Date

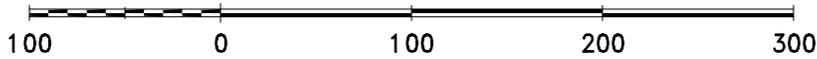
Inspector

Status

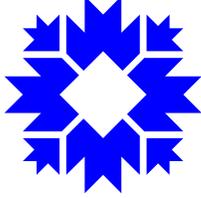
ON-GOING



By: kehrberp
16 May 11



City of Bloomington
Engineering



Scale: 1" = 100'

For reference only; map information NOT warranted.

Contact: Denise Dean
Secretary
Bloomington Traffic Commission
Phone: (812) 349-3417
Email: traffic.commission@bloomington.in.gov

City Hall at Showers
Suite 130
401 North Morton Street
Bloomington, IN 47404

TRAFFIC COMMISSION

MEETING NOTICE

Bloomington Traffic Commission

Request for Multi-way Stop

May 25, 2011: The City of Bloomington Traffic Commission will meet to discuss a request for a multi-way stop at the intersection of East Moores Pike and South Olcott Boulevard.

The meeting will be held on May 25, 2011 at 5:30p.m. at City Hall Council Chambers, 401 North Morton Street, Bloomington, Indiana.

Members of the public are welcome to attend and express their thoughts and opinions on this request that will be voted on and if approved, forwarded to the City Council for their consideration. Those who cannot attend the meeting may call, or email to the contact information provided above.

RELEASE DATE: MAY 17, 2011









11111
CIVIC







City of Bloomington
Engineering Department
Multit-way Stop Request

Study Name : **E. Moores Pk. and S. Olcott Blvd.**
Study Date : **05/16/11**

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: E. Moores Pike
Total Approach Volume: **3,880**
Approach Speed: **44**

Westbound: E. Moores Pike
Total Approach Volume: **3,276**
Approach Speed: **43**

Minor Street Approaches

Northbound: S. Olcott Blvd.
Total Approach Volume: **922**

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	662	520.6	70	65.0	210-Yes	140-No	Major	240-Yes	160-No	Major
16:00 - 17:00	656		71							
15:00 - 16:00	563		64							
18:00 - 19:00	527		60							
08:00 - 09:00	474		84							
14:00 - 15:00	434		51							
13:00 - 14:00	425		66							
12:00 - 13:00	424		54							
19:00 - 20:00	398		46							
09:00 - 10:00	398		62							
11:00 - 12:00	397		64							
07:00 - 08:00	373		72							
20:00 - 21:00	354		38							
10:00 - 11:00	338		44							
21:00 - 22:00	230		16							
06:00 - 07:00	140		26							
22:00 - 23:00	136		12							
23:00 - 00:00	79		4							
05:00 - 06:00	47		8							
00:00 - 01:00	28		3							
01:00 - 02:00	26		1							
02:00 - 03:00	20		0							
04:00 - 05:00	14		4							
03:00 - 04:00	13		2							



INDIANA OFFICER'S STANDARD CRASH REPORT

Electronic Version

901541641

Page 1 of 3

Local ID 113010068

Date of Crash 11/30/2010	Day of Week Tue	Actual Local Time 8:45 AM	County MONROE	Township PERRY	# Motor Vehicles 1	# Injured 0	# Dead 0	# Commercial Vehicles 0	# Deer 0
Road Crash Occurred On MOORES PIKE			Nearest/Intersecting Road/Mile Marker/Interchange OLCOTT BLVD		If not an intersection, number of feet from	Direction	Road Classification LOCAL/CITY ROAD		
Inside Corporate Limits? YES	City/Town or Nearest City/Town BLOOMINGTON			Property? OTHER	Crash Latitude		Crash Longitude		
Driver #1 CHO, YOOJIN		Driver #2		Driver #3		Driver #4			

Driver Contributing Circumstances					Vehicle Contributing Circumstances					Environment Contributing Circumstances					Area Information		
Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4	Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4	Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hit and Run	NO	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	School Zone	NO	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rumble Strips	NO	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Locality	URBAN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Light Condition	DAYLIGHT	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Weather Conditions	CLOUDY	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Surface Condition	WET	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type of Median	NONE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type of Roadway Junction	T-INTERSECTION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Road Character	STRAIGHT/GRADE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roadway Surface	ASPHALT	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction	NO	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If Yes, Construction Type		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Control Devices	STOP SIGN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Control Device Operational?	NA	
Total Estimate of all damage in the Crash: \$2501 TO \$5000															Was this crash the result of aggressive driving?		NO

Other Property Damage (1)	State Property	Owner's Name and Address
Other Property Damage (2)	State Property	Owner's Name and Address

Witness/Other Participant				Non-Motorist	
<input type="checkbox"/> Witness	#	Name		(Last Name, First Name, MI)	
<input type="checkbox"/> Other Participant				Non-Motorist Type	Non-Motorist Action
Address etc.			Apparent Physical Condition		
Phone #	Location at Time of Crash		Cited? Direction		
<input type="checkbox"/> Witness	#	Name	Street/Highway		
<input type="checkbox"/> Other Participant			Traffic Control? If yes, was traffic control operational?		
Address etc.					
Phone #	Location at Time of Crash				

Local ID
113010068

Type of Crash LEFT TURN					
Time Notified 8:48 AM	Time Arrived 8:57 AM	Other Location of Investigation AT SCENE ONLY			
Assisting Officer		ID No.	Agency	Investigation Complete? YES	Photos Taken? NO
Assisting Officer		ID No.	Agency	Date of Report 11/30/2010	
Investigating Officer SHAEVITZ, J		ID No. 1414	Agency BLOOMINGTON PD	Reviewing Officer SGT BATCHO	

Narrative

V1 WAS WAS ON OLCOTT BLVD TURNING LEFT (WEST) ONTO MOORES PIKE. D1 STATED AS SHE TURNED, SHE LOST CONTROL OF V1 AND V1 THEN WENT OFF THE ROADWAY INTO SOME TREES AND DOWN AN EMBANKMENT.

THE WET, LEAF COVERED ROADWAY CONTRIBUTED TO THE CRASH.

For Internal Use Only
Not a Legal State Copy

For Internal Use Only
Not a Legal State Copy

UNIT INFORMATION

901541641

Local ID
113010068

1 Driver's Name (Last, First, MI) CHO, YOOJIN		Safety Equipment Used LAP + HARNESS	
Address (Street, City, State, Zip) 7813 HALE HAVEN CT SEVERN MD 21144		Safety Equipment Effective? YES	
Date of Birth 09/03/1985		Age 25	Gender FEMALE
Driver's License # C35697900059852		Lic Type OP	CDL Class NJ
Apparent Physical Status <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Had Been Drinking <input type="checkbox"/> Handicapped <input type="checkbox"/> Ill <input type="checkbox"/> Asleep/Fatigued <input type="checkbox"/> Drugs/Medication <input type="checkbox"/> Unknown		Restrictions <input type="checkbox"/> Glasses/Contact Lenses <input type="checkbox"/> Outside Rearview Mirror <input type="checkbox"/> Daylight Driving <input type="checkbox"/> Automatic Transmission <input type="checkbox"/> Special Controls <input type="checkbox"/> Employment Only <input type="checkbox"/> Motorcycle Only <input type="checkbox"/> To/From Employment	
Test Given NONE		Type Given <input type="checkbox"/> Blood <input type="checkbox"/> Urine <input type="checkbox"/> Breath <input type="checkbox"/> SFST <input type="checkbox"/> PBT	
Alcohol Results PBT		Drug Results	
Certified Test <input type="checkbox"/> Pending		Nature of most Severe Injury	
Veh# 1 Color BLACK Vehicle Year 1997 Make FORD Model MUSTANG Style 2D		Location of Most Severe Injury	
# Occupants 1 Lic Year 2011 License # DG6023 License State IN		If Cited? <input type="checkbox"/> Infraction <input type="checkbox"/> Misdemeanor <input type="checkbox"/> Felony	
# Axles 2 Speed Limit 35 Insured By STATE FARM Phone Number 3178191800		Initial Impact Area <input type="checkbox"/> Undercarriage <input type="checkbox"/> Trailer <input type="checkbox"/> None <input type="checkbox"/> Unknown	
Vehicle Identification # 1FALP45X9VF206448		Areas Damaged (Multiples) <input checked="" type="checkbox"/> Undercarriage <input type="checkbox"/> Trailer <input type="checkbox"/> None <input type="checkbox"/> Unknown	
Registered Owner's Name (Last, First, MI) FRYE, PHILLIP, W		Vehicle Use PERSONAL (FARM, COMPANY)	
Address (Street, City, State, Zip) 7334 N RITTER AVE INDIANAPOLIS IN 46250		Emergency Run? Fire? NO	
Towed? To BLOOMINGTON IN Due to Disabling Damage YES		Vehicle Type PASSENGER CAR/STATION WAGON	
Lic State Lic Year Registered Owner's Name (Last, First, MI) <input type="checkbox"/> Same as Driver		Pre-Crash Vehicle Action TURNING LEFT	
License# Address (Street, City, State, Zip)		Direction of Travel NORTHWEST	
Veh Year Make Lic State Lic Year Registered Owner's Name (Last, First, MI) <input type="checkbox"/> Same as Driver		Type of Primary/Secondary Roadway One Way Traffic Two Way Traffic	
License# Address (Street, City, State, Zip)		<input type="checkbox"/> One Lane <input type="checkbox"/> Two Lanes <input type="checkbox"/> Private Drive <input type="checkbox"/> Two Lanes <input type="checkbox"/> Multi-Lane Divided (3 or more) <input type="checkbox"/> Alley <input type="checkbox"/> Multi-Lanes (3 or more) <input type="checkbox"/> Multi-Lane Undivided 2 way left turn <input checked="" type="checkbox"/> Multi-Lane Undivided (3 or more)	
Commercial Vehicle: Carrier's Name and Address		Event Collision With 1. OFF ROADWAY 2. TREE	
HAZMAT Proper Shipping Name: State DOT#		3. EMBANKMENT	
US DOT# ICC# CMV Inspection If Yes			
Gross Vehicle Weight Rating Cargo Body Type			
HAZMAT Placard HAZMAT Release of Cargo HAZMAT 4-Digit ID# Hazzard Class #			



INDIANA OFFICER'S STANDARD CRASH REPORT

Electronic Version

900995979

Page 1 of 3

Local ID 111508005

Date of Crash 11/15/2008	Day of Week Sat	Actual Local Time 12:18 AM	County MONROE	Township PERRY	# Motor Vehicles 1	# Injured 0	# Dead 0	# Commercial Vehicles 0	# Deer 1
Road Crash Occurred On MOORES PIKE			Nearest/Intersecting Road/Mile Marker/Interchange OLCOTT BLVD		If not an intersection, number of feet from 200	Direction W	Road Classification LOCAL/CITY ROAD		
Inside Corporate Limits? YES	City/Town or Nearest City/Town BLOOMINGTON			Property? OTHER	Crash Latitude		Crash Longitude		
Driver #1 FENDER, JEREMY, P	Driver #2			Driver #3	Driver #4				

Driver Contributing Circumstances					Vehicle Contributing Circumstances					Environment Contributing Circumstances					Area Information	
Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4	Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4	Primary Cause	Vehicle 1	Vehicle 2	Vehicle 3	Vehicle 4		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hit and Run	NO
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	School Zone	NO
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rumble Strips	NO
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Locality	URBAN
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Light Condition	DARK (NOT LIGHTED)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Weather Conditions	RAIN
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Surface Condition	WET
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type of Median	NONE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type of Roadway Junction	NO JUNCTION INVOLVED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Road Character	STRAIGHT/GRADE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roadway Surface	ASPHALT
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction	If Yes, Construction Type
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Control Devices	LANE CONTROL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Control Device Operational?	NA
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Was this crash the result of aggressive driving?	NO				

Total Estimate of all damage in the Crash:
\$1001 TO \$2500

Other Property Damage (1)	State Property	Owner's Name and Address
Other Property Damage (2)	State Property	Owner's Name and Address

Witness/Other Participant			Non-Motorist	
<input type="checkbox"/> Witness #	Name		(Last Name, First Name, MI)	
<input type="checkbox"/> Other Participant			Non-Motorist Type	Non-Motorist Action
Address etc.			Apparent Physical Condition	
Phone #	Location at Time of Crash		Cited?	Direction
<input type="checkbox"/> Witness #	Name		Street/Highway	
<input type="checkbox"/> Other Participant			Traffic Control? If yes, was traffic control operational?	
Address etc.				
Phone #	Location at Time of Crash			

Local ID
111508005

Type of Crash HEAD ON					
Time Notified 12:20 AM		Time Arrived 12:32 AM		Other Location of Investigation AT SCENE ONLY	
Assisting Officer			ID No.	Agency	Investigation Complete? YES
					Photos Taken? NO
Assisting Officer			ID No.	Agency	Date of Report 11/15/2008
Investigating Officer COOK, J			ID No. 1506	Agency BLOOMINGTON PD	Reviewing Officer 1345

Narrative

Driver 1 was eastbound on Moores Pike when a deer entered the roadway. Driver 1 was unable to avoid the animal and struck the deer with the front end of the vehicle.

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Not a Legal State Copy

For Internal Use Only
Not a Legal State Copy

UNIT INFORMATION

900995979

Local ID
111508005

1 Driver's Name (Last, First, MI) FENDER, JEREMY, P		Safety Equipment Used LAP + HARNESS	
Address (Street, City, State, Zip) 376 MIDDLE LEESVILLE RD BEDFORD IN 47421		Safety Equipment Effective? YES	
Date of Birth 02/23/1980		Age 29	Gender MALE
Driver's License # 0090367618		Lic Type OP	CDL Class IN
Apparent Physical Status <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Had Been Drinking <input type="checkbox"/> Handicapped <input type="checkbox"/> Ill <input type="checkbox"/> Asleep/Fatigued <input type="checkbox"/> Drugs/Medication <input type="checkbox"/> Unknown		Restrictions <input checked="" type="checkbox"/> Glasses/Contact Lenses <input type="checkbox"/> Outside Rearview Mirror <input type="checkbox"/> Daylight Driving <input type="checkbox"/> Automatic Transmission <input type="checkbox"/> Special Controls <input type="checkbox"/> Employment Only <input type="checkbox"/> Motorcycle Only <input type="checkbox"/> To/From Employment <input type="checkbox"/> Employer's Vehicle Only <input type="checkbox"/> State-Owned Vehicles <input type="checkbox"/> PP Chauffeurs Taxi Only <input type="checkbox"/> Power Steering <input type="checkbox"/> Special Restrictions <input type="checkbox"/> Probation DWI <input type="checkbox"/> Probation HTO <input type="checkbox"/> None	
Test Given NONE		Type Given <input type="checkbox"/> Blood <input type="checkbox"/> Urine <input type="checkbox"/> Breath <input type="checkbox"/> SFST <input type="checkbox"/> PBT	
Alcohol Results PBT		Drug Results	
Certified Test <input type="checkbox"/> Pending		Location of Most Severe Injury	
Veh# 1 Color RED Vehicle Year 2005 Make Honda Model CIVIC Style 2D		If Cited? <input type="checkbox"/> Infraction <input type="checkbox"/> Misdemeanor <input type="checkbox"/> Felony	
# Occupants 1 Lic Year 2009 License # CK4690 License State IN		IC Codes	
# Axles 2 Speed Limit 30 Insured By STATE FARM Phone Number 812-279-6601		Initial Impact Area <input type="checkbox"/> Undercarriage <input type="checkbox"/> Trailer <input type="checkbox"/> None <input type="checkbox"/> Unknown	
Vehicle Identification # 1HGEM22175LQ79007		Areas Damaged (Multiples) <input type="checkbox"/> Undercarriage <input type="checkbox"/> Trailer <input type="checkbox"/> None <input type="checkbox"/> Unknown	
Registered Owner's Name (Last, First, MI) FENDER, JEREMY, P		Same as Driver <input type="checkbox"/>	
Address (Street, City, State, Zip) 376 MIDDLE LEESVILLE RD BEDFORD IN 47421		Vehicle Use PERSONAL (FARM, COMPANY)	
Towed? NO To By Reason		Emergency Run? Fire? NO	
License# Address (Street, City, State, Zip)		Vehicle Type PASSENGER CAR/STATION WAGON	
Veh Year Make		Pre-Crash Vehicle Action GOING STRAIGHT	
License# Address (Street, City, State, Zip)		Direction of Travel EAST	
Veh Year Make		Type of Primary/Secondary Roadway One Way Traffic Two Way Traffic <input type="checkbox"/> One Lane <input checked="" type="checkbox"/> Two Lanes <input type="checkbox"/> Private Drive <input type="checkbox"/> Two Lanes <input type="checkbox"/> Multi-Lane Divided (3 or more) <input type="checkbox"/> Alley <input type="checkbox"/> Multi-Lanes (3 or more) <input type="checkbox"/> Multi-Lane Undivided 2 way left turn <input type="checkbox"/> Multi-Lane Undivided (3 or more)	
Commercial Vehicle: Carrier's Name and Address		Event Collision With 1. DEER	
HAZMAT Proper Shipping Name: State DOT#		Gross Vehicle Weight Rating Cargo Body Type	
US DOT# ICC# CMV Inspection If Yes		HAZMAT Placard HAZMAT Release of Cargo HAZMAT 4-Digit ID# Hazzard Class #	

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Sunny, warm

Site Code: u4234
Station ID: SN:024813
E. Moores Pike
S. Olcott Blvd. to E. Regents Cir.
Latitude: 0' 0.000 Undefined

Start Time	09-May-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Eastbound	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou
12:00 AM	*	*	21	14	36	10	0	0	*	*	*	*	*	*	19	8
01:00	*	*	12	7	12	13	*	*	*	*	*	*	*	*	12	10
02:00	*	*	6	4	19	9	*	*	*	*	*	*	*	*	12	6
03:00	*	*	3	8	9	6	*	*	*	*	*	*	*	*	6	7
04:00	*	*	0	14	2	13	*	*	*	*	*	*	*	*	1	14
05:00	*	*	16	30	16	38	*	*	*	*	*	*	*	*	16	34
06:00	*	*	38	112	34	92	*	*	*	*	*	*	*	*	36	102
07:00	*	*	94	294	96	259	*	*	*	*	*	*	*	*	95	276
08:00	*	*	146	322	130	334	*	*	*	*	*	*	*	*	138	328
09:00	*	*	156	196	187	207	*	*	*	*	*	*	*	*	172	202
10:00	*	*	120	155	146	201	*	*	*	*	*	*	*	*	133	178
11:00	*	*	160	189	182	193	*	*	*	*	*	*	*	*	171	191
12:00 PM	*	*	207	200	178	187	*	*	*	*	*	*	*	*	192	194
01:00	*	*	195	196	204	196	*	*	*	*	*	*	*	*	200	196
02:00	*	*	185	200	198	189	*	*	*	*	*	*	*	*	192	194
03:00	*	*	259	234	299	226	*	*	*	*	*	*	*	*	279	230
04:00	*	*	343	234	365	237	*	*	*	*	*	*	*	*	354	236
05:00	*	*	385	249	321	236	*	*	*	*	*	*	*	*	353	242
06:00	*	*	259	190	270	206	*	*	*	*	*	*	*	*	264	198
07:00	*	*	205	155	198	141	*	*	*	*	*	*	*	*	202	148
08:00	*	*	168	131	169	130	*	*	*	*	*	*	*	*	168	130
09:00	*	*	126	68	123	79	*	*	*	*	*	*	*	*	124	74
10:00	*	*	76	46	70	54	*	*	*	*	*	*	*	*	73	50
11:00	*	*	37	29	55	26	*	*	*	*	*	*	*	*	46	28
Lane	0	0	3217	3277	3319	3282	0	0	0	0	0	0	0	0	3258	3276
Day	0	0	6494		6601		0	0	0	0	0	0	0	0	6534	
AM Peak			11:00	08:00	09:00	08:00									09:00	08:00
Vol.			160	322	187	334									172	328
PM Peak			17:00	17:00	16:00	16:00									16:00	17:00
Vol.			385	249	365	237									354	242

Comb. Total	0	6494	6601	0	0	0	0	6534
ADT	ADT 6,548	AADT 6,548						

City of Bloomington Engineering Department

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

Site Code: Apollyon
Station ID: SN:023255

Latitude: 0' 0.000 South

Start Time	09-May-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Northbound	Southbo	Northbo	Southbo												
12:00 AM	*	*	4	3	6	7	0	0	*	*	*	*	*	*	3	3
01:00	*	*	1	4	1	1	*	*	*	*	*	*	*	*	1	2
02:00	*	*	0	3	0	2	*	*	*	*	*	*	*	*	0	2
03:00	*	*	2	0	1	0	*	*	*	*	*	*	*	*	2	0
04:00	*	*	4	2	4	1	*	*	*	*	*	*	*	*	4	2
05:00	*	*	6	2	9	2	*	*	*	*	*	*	*	*	8	2
06:00	*	*	28	2	23	10	*	*	*	*	*	*	*	*	26	6
07:00	*	*	72	18	71	23	*	*	*	*	*	*	*	*	72	20
08:00	*	*	84	36	83	38	*	*	*	*	*	*	*	*	84	37
09:00	*	*	67	40	58	32	*	*	*	*	*	*	*	*	62	36
10:00	*	*	43	49	44	44	*	*	*	*	*	*	*	*	44	46
11:00	*	*	73	51	54	45	*	*	*	*	*	*	*	*	64	48
12:00 PM	*	*	53	53	56	51	*	*	*	*	*	*	*	*	54	52
01:00	*	*	64	72	69	50	*	*	*	*	*	*	*	*	66	61
02:00	*	*	59	79	43	57	*	*	*	*	*	*	*	*	51	68
03:00	*	*	61	96	66	84	*	*	*	*	*	*	*	*	64	90
04:00	*	*	76	90	66	104	*	*	*	*	*	*	*	*	71	97
05:00	*	*	69	85	70	100	*	*	*	*	*	*	*	*	70	92
06:00	*	*	44	69	76	84	*	*	*	*	*	*	*	*	60	76
07:00	*	*	47	57	44	72	*	*	*	*	*	*	*	*	46	64
08:00	*	*	29	64	48	73	*	*	*	*	*	*	*	*	38	68
09:00	*	*	13	46	18	34	*	*	*	*	*	*	*	*	16	40
10:00	*	*	12	12	11	15	*	*	*	*	*	*	*	*	12	14
11:00	*	*	5	6	2	7	*	*	*	*	*	*	*	*	4	6
Lane	0	0	916	939	923	936	0	0	0	0	0	0	0	0	922	932
Day	0	0	1855		1859		0	0	0	0	0	0	0	0	1854	
AM Peak			08:00	11:00	08:00	11:00									08:00	11:00
Vol.			84	51	83	45									84	48
PM Peak			16:00	15:00	18:00	16:00									16:00	16:00
Vol.			76	96	76	104									71	97

Comb. Total	0	1855	1859	0	0	0	0	1854
ADT	ADT 1,857	AADT 1,857						

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

For: Traffic Commission
 Counted By: PK
 Weather: Sunny, warm

Site Code: u4234
 Station ID: SN:024813
 E. Moores Pike
 S. Olcott Blvd. to E. Regents Cir.
 Latitude: 0' 0.000 Undefined

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
5/11/11	0	0	0	4	19	9	3	0	1	0	0	0	0	0	0	36	30-39	28
01:00	0	0	0	5	5	1	1	0	0	0	0	0	0	0	0	12	26-35	10
02:00	0	0	0	4	6	7	2	0	0	0	0	0	0	0	0	19	28-37	13
03:00	0	0	0	2	2	5	0	0	0	0	0	0	0	0	0	9	29-38	7
04:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27-36	2
05:00	0	0	0	2	8	5	1	0	0	0	0	0	0	0	0	16	29-38	13
06:00	0	0	0	3	12	13	5	1	0	0	0	0	0	0	0	34	31-40	25
07:00	2	0	2	5	31	38	17	1	0	0	0	0	0	0	0	96	31-40	69
08:00	10	0	5	10	39	50	14	2	0	0	0	0	0	0	0	130	31-40	89
09:00	5	0	0	9	60	86	24	2	1	0	0	0	0	0	0	187	31-40	146
10:00	5	0	5	5	46	64	19	1	1	0	0	0	0	0	0	146	31-40	110
11:00	4	1	2	18	62	68	22	4	1	0	0	0	0	0	0	182	31-40	130
12 PM	2	0	3	8	51	85	21	7	0	1	0	0	0	0	0	178	31-40	136
13:00	2	0	3	25	72	85	17	0	0	0	0	0	0	0	0	204	31-40	157
14:00	2	0	2	9	70	87	26	2	0	0	0	0	0	0	0	198	31-40	157
15:00	14	1	2	23	93	124	38	4	0	0	0	0	0	0	0	299	31-40	217
16:00	6	0	12	26	133	133	50	4	1	0	0	0	0	0	0	365	31-40	266
17:00	9	1	8	32	98	133	32	7	1	0	0	0	0	0	0	321	31-40	231
18:00	7	0	0	18	88	122	31	4	0	0	0	0	0	0	0	270	31-40	210
19:00	4	0	8	20	45	87	29	5	0	0	0	0	0	0	0	198	31-40	132
20:00	3	1	4	13	63	59	23	3	0	0	0	0	0	0	0	169	31-40	122
21:00	4	0	3	11	65	35	5	0	0	0	0	0	0	0	0	123	31-40	100
22:00	0	1	4	12	31	17	5	0	0	0	0	0	0	0	0	70	29-38	48
23:00	0	0	0	14	23	16	2	0	0	0	0	0	0	0	0	55	27-36	39
Total	79	5	63	278	1123	1330	387	47	6	1	0	0	0	0	0	3319		
Percent	2.4%	0.2%	1.9%	8.4%	33.8%	40.1%	11.7%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	11:00	08:00	11:00	11:00	09:00	09:00	11:00	00:00									09:00
Vol.	10	1	5	18	62	86	24	4	1									187
PM Peak	15:00	15:00	16:00	17:00	16:00	16:00	16:00	12:00	16:00	12:00								16:00
Vol.	14	1	12	32	133	133	50	7	1	1								365
Total	160	15	123	582	2264	2528	768	88	7	1	0	0	0	0	0	6536		
Percent	2.4%	0.2%	1.9%	8.9%	34.6%	38.7%	11.8%	1.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 31 MPH
 50th Percentile : 36 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

Stats
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 4792
 Percent in Pace : 73.3%
 Number of Vehicles > 40 MPH : 864
 Percent of Vehicles > 40 MPH : 13.2%
 Mean Speed(Average) : 35 MPH

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Sunny, warm

Site Code: u4234
Station ID: SN:024813
E. Moores Pike
S. Olcott Blvd. to E. Regents Cir.
Latitude: 0' 0.000 Undefined

Westbound																	
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
5/10/11	0	0	0	3	3	5	3	0	0	0	0	0	0	0	14	33-42	10
01:00	0	1	0	0	2	2	2	0	0	0	0	0	0	0	7	33-42	6
02:00	0	0	1	0	2	0	1	0	0	0	0	0	0	0	4	23-32	2
03:00	0	0	0	0	2	4	2	0	0	0	0	0	0	0	8	33-42	8
04:00	0	0	0	0	3	7	4	0	0	0	0	0	0	0	14	33-42	12
05:00	0	0	1	0	8	13	7	1	0	0	0	0	0	0	30	33-42	23
06:00	1	0	0	1	22	61	25	1	1	0	0	0	0	0	112	34-43	86
07:00	4	0	2	9	88	130	53	8	0	0	0	0	0	0	294	31-40	218
08:00	6	0	3	13	90	139	60	10	1	0	0	0	0	0	322	31-40	229
09:00	3	0	1	8	30	96	47	10	1	0	0	0	0	0	196	36-45	143
10:00	2	0	4	8	29	74	36	2	0	0	0	0	0	0	155	36-45	110
11:00	3	0	5	6	45	84	40	5	1	0	0	0	0	0	189	31-40	129
12 PM	2	1	2	9	56	88	37	5	0	0	0	0	0	0	200	31-40	144
13:00	1	0	4	7	38	92	49	5	0	0	0	0	0	0	196	36-45	141
14:00	3	0	0	10	50	92	31	14	0	0	0	0	0	0	200	31-40	142
15:00	8	0	2	7	64	98	48	5	1	1	0	0	0	0	234	31-40	162
16:00	5	0	4	11	42	105	59	7	0	1	0	0	0	0	234	36-45	164
17:00	10	0	2	12	64	90	62	8	1	0	0	0	0	0	249	32-41	155
18:00	4	1	1	7	44	83	46	2	2	0	0	0	0	0	190	32-41	129
19:00	4	0	0	4	40	71	33	2	1	0	0	0	0	0	155	31-40	111
20:00	2	0	3	10	45	46	19	5	1	0	0	0	0	0	131	31-40	91
21:00	0	0	1	7	23	20	14	3	0	0	0	0	0	0	68	31-40	43
22:00	0	0	0	3	14	20	6	3	0	0	0	0	0	0	46	31-40	34
23:00	0	0	0	1	9	15	3	1	0	0	0	0	0	0	29	31-40	24
Total	58	3	36	136	813	1435	687	97	10	2	0	0	0	0	3277		
Percent	1.8%	0.1%	1.1%	4.2%	24.8%	43.8%	21.0%	3.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	01:00	11:00	08:00	08:00	08:00	08:00	08:00	06:00						08:00		
Vol.	6	1	5	13	90	139	60	10	1						322		
PM Peak	17:00	12:00	13:00	17:00	15:00	16:00	17:00	14:00	18:00	15:00					17:00		
Vol.	10	1	4	12	64	105	62	14	2	1					249		

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Sunny, warm

Site Code: u4234
Station ID: SN:024813
E. Moores Pike
S. Olcott Blvd. to E. Regents Cir.
Latitude: 0' 0.000 Undefined

Westbound	Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	999	Speed	in Pace
5/11/11	0	0	0	1	3	5	1	0	0	0	0	0	0	0	0	10	32-41	9
01:00	0	0	0	0	6	3	2	2	0	0	0	0	0	0	0	13	29-38	9
02:00	0	0	1	1	5	1	0	0	1	0	0	0	0	0	0	9	27-36	7
03:00	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	6	29-38	4
04:00	0	0	0	0	3	6	3	1	0	0	0	0	0	0	0	13	33-42	11
05:00	0	0	2	1	6	18	9	2	0	0	0	0	0	0	0	38	35-44	28
06:00	0	0	0	3	15	44	26	3	1	0	0	0	0	0	0	92	36-45	70
07:00	1	0	3	4	43	120	81	7	0	0	0	0	0	0	0	259	36-45	201
08:00	7	0	5	20	80	157	56	8	1	0	0	0	0	0	0	334	31-40	237
09:00	7	0	0	8	45	86	55	6	0	0	0	0	0	0	0	207	36-45	141
10:00	7	1	3	12	44	82	40	10	1	1	0	0	0	0	0	201	31-40	126
11:00	10	1	1	10	41	85	38	7	0	0	0	0	0	0	0	193	31-40	126
12 PM	1	1	3	11	25	98	38	7	3	0	0	0	0	0	0	187	36-45	136
13:00	3	0	5	8	41	89	40	10	0	0	0	0	0	0	0	196	31-40	130
14:00	6	0	2	11	35	90	36	8	1	0	0	0	0	0	0	189	32-41	126
15:00	9	0	5	9	52	105	38	7	1	0	0	0	0	0	0	226	31-40	157
16:00	7	0	0	5	49	119	49	7	1	0	0	0	0	0	0	237	32-41	169
17:00	10	2	1	6	32	115	62	6	2	0	0	0	0	0	0	236	36-45	177
18:00	6	0	3	5	54	85	37	15	1	0	0	0	0	0	0	206	31-40	139
19:00	2	0	6	7	30	66	26	4	0	0	0	0	0	0	0	141	31-40	96
20:00	4	0	4	9	37	46	23	6	1	0	0	0	0	0	0	130	31-40	83
21:00	3	0	1	5	18	35	15	1	1	0	0	0	0	0	0	79	31-40	53
22:00	0	0	0	4	20	23	6	1	0	0	0	0	0	0	0	54	31-40	43
23:00	0	0	1	0	9	10	4	2	0	0	0	0	0	0	0	26	31-40	19
Total	83	5	46	142	694	1491	685	120	15	1	0	0	0	0	0	3282		
Percent	2.5%	0.2%	1.4%	4.3%	21.1%	45.4%	20.9%	3.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	08:00	08:00	08:00	08:00	07:00	10:00	02:00	10:00						08:00		
Vol.	10	1	5	20	80	157	81	10	1	1						334		
PM Peak	17:00	17:00	19:00	12:00	18:00	16:00	17:00	18:00	12:00							16:00		
Vol.	10	2	6	11	54	119	62	15	3							237		
Total	141	8	82	278	1507	2926	1372	217	25	3	0	0	0	0	0	6559		
Percent	2.1%	0.1%	1.3%	4.2%	23.0%	44.6%	20.9%	3.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 32 MPH
50th Percentile : 38 MPH
85th Percentile : 43 MPH
95th Percentile : 45 MPH

Stats
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 4433
Percent in Pace : 67.6%
Number of Vehicles > 40 MPH : 1617
Percent of Vehicles > 40 MPH : 24.7%
Mean Speed(Average) : 37 MPH

**City of Bloomington
Engineering Department**

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

For: Traffic Commission
Counted By: PK
Weather: Sunny, warm

Site Code: u4234
Station ID: SN:024813
E. Moores Pike
S. Olcott Blvd. to E. Regents Cir.
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
5/10/11	0	0	0	8	13	11	3	0	0	0	0	0	0	0	35	28-37	24
01:00	0	1	0	1	8	7	2	0	0	0	0	0	0	0	19	30-39	15
02:00	0	0	3	1	3	2	1	0	0	0	0	0	0	0	10	28-37	6
03:00	0	0	0	0	3	5	3	0	0	0	0	0	0	0	11	33-42	10
04:00	0	0	0	0	3	7	4	0	0	0	0	0	0	0	14	33-42	12
05:00	0	0	1	4	13	17	10	1	0	0	0	0	0	0	46	31-40	30
06:00	2	0	1	5	38	73	29	1	1	0	0	0	0	0	150	31-40	111
07:00	7	0	2	17	124	164	66	8	0	0	0	0	0	0	388	31-40	288
08:00	11	1	5	28	134	200	76	12	1	0	0	0	0	0	468	31-40	334
09:00	8	0	3	24	79	154	72	11	1	0	0	0	0	0	352	31-40	233
10:00	6	0	6	22	56	126	52	7	0	0	0	0	0	0	275	31-40	182
11:00	3	1	12	24	101	142	59	6	1	0	0	0	0	0	349	31-40	243
12 PM	6	1	5	27	140	162	56	10	0	0	0	0	0	0	407	31-40	302
13:00	9	1	6	25	115	160	68	7	0	0	0	0	0	0	391	31-40	275
14:00	5	1	2	26	106	171	53	20	1	0	0	0	0	0	385	31-40	277
15:00	15	2	6	28	152	194	87	7	1	1	0	0	0	0	493	31-40	346
16:00	15	1	11	34	157	249	98	11	0	1	0	0	0	0	577	31-40	406
17:00	25	2	10	61	193	222	107	13	1	0	0	0	0	0	634	31-40	415
18:00	17	1	7	26	123	183	84	6	2	0	0	0	0	0	449	31-40	306
19:00	7	0	2	20	117	149	61	3	1	0	0	0	0	0	360	31-40	266
20:00	2	0	7	22	115	106	39	7	1	0	0	0	0	0	299	31-40	221
21:00	1	0	5	17	84	63	21	3	0	0	0	0	0	0	194	31-40	147
22:00	0	1	2	14	52	40	10	3	0	0	0	0	0	0	122	31-40	92
23:00	0	0	0	6	25	26	7	2	0	0	0	0	0	0	66	31-40	51
Total	139	13	96	440	1954	2633	1068	138	11	2	0	0	0	0	6494		
Percent	2.1%	0.2%	1.5%	6.8%	30.1%	40.5%	16.4%	2.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	01:00	11:00	08:00	08:00	08:00	08:00	08:00	06:00						08:00		
Vol.	11	1	12	28	134	200	76	12	1						468		
PM Peak	17:00	15:00	16:00	17:00	17:00	16:00	17:00	14:00	18:00	15:00					17:00		
Vol.	25	2	11	61	193	249	107	20	2	1					634		

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Sunny, warm

Site Code: u4234
Station ID: SN:024813
E. Moores Pike
S. Olcott Blvd. to E. Regents Cir.
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
5/11/11	0	0	0	5	22	14	4	0	1	0	0	0	0	0	46	31-40	36
01:00	0	0	0	5	11	4	3	2	0	0	0	0	0	0	25	26-35	16
02:00	0	0	1	5	11	8	2	0	1	0	0	0	0	0	28	29-38	19
03:00	0	0	0	4	3	8	0	0	0	0	0	0	0	0	15	31-40	11
04:00	0	0	0	0	4	7	3	1	0	0	0	0	0	0	15	32-41	12
05:00	0	0	2	3	14	23	10	2	0	0	0	0	0	0	54	31-40	37
06:00	0	0	0	6	27	57	31	4	1	0	0	0	0	0	126	34-43	88
07:00	3	0	5	9	74	158	98	8	0	0	0	0	0	0	355	36-45	256
08:00	17	0	10	30	119	207	70	10	1	0	0	0	0	0	464	31-40	326
09:00	12	0	0	17	105	172	79	8	1	0	0	0	0	0	394	31-40	277
10:00	12	1	8	17	90	146	59	11	2	1	0	0	0	0	347	31-40	236
11:00	14	2	3	28	103	153	60	11	1	0	0	0	0	0	375	31-40	256
12 PM	3	1	6	19	76	183	59	14	3	1	0	0	0	0	365	31-40	259
13:00	5	0	8	33	113	174	57	10	0	0	0	0	0	0	400	31-40	287
14:00	8	0	4	20	105	177	62	10	1	0	0	0	0	0	387	31-40	282
15:00	23	1	7	32	145	229	76	11	1	0	0	0	0	0	525	31-40	374
16:00	13	0	12	31	182	252	99	11	2	0	0	0	0	0	602	31-40	434
17:00	19	3	9	38	130	248	94	13	3	0	0	0	0	0	557	31-40	378
18:00	13	0	3	23	142	207	68	19	1	0	0	0	0	0	476	31-40	349
19:00	6	0	14	27	75	153	55	9	0	0	0	0	0	0	339	31-40	228
20:00	7	1	8	22	100	105	46	9	1	0	0	0	0	0	299	31-40	205
21:00	7	0	4	16	83	70	20	1	1	0	0	0	0	0	202	31-40	153
22:00	0	1	4	16	51	40	11	1	0	0	0	0	0	0	124	31-40	91
23:00	0	0	1	14	32	26	6	2	0	0	0	0	0	0	81	31-40	58
Total	162	10	109	420	1817	2821	1072	167	21	2	0	0	0	0	6601		
Percent	2.5%	0.2%	1.7%	6.4%	27.5%	42.7%	16.2%	2.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	11:00	08:00	08:00	08:00	08:00	07:00	10:00	10:00	10:00					08:00		
Vol.	17	2	10	30	119	207	98	11	2	1					464		
PM Peak	15:00	17:00	19:00	17:00	16:00	16:00	16:00	18:00	12:00	12:00					16:00		
Vol.	23	3	14	38	182	252	99	19	3	1					602		
Total	301	23	205	860	3771	5454	2140	305	32	4	0	0	0	0	13095		
Percent	2.3%	0.2%	1.6%	6.6%	28.8%	41.6%	16.3%	2.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 31 MPH
 50th Percentile : 37 MPH
 85th Percentile : 42 MPH
 95th Percentile : 45 MPH

Stats
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 9225
 Percent in Pace : 70.4%
 Number of Vehicles > 40 MPH : 2481
 Percent of Vehicles > 40 MPH : 18.9%
 Mean Speed(Average) : 36 MPH

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: u4233
Station ID: SN:023256
E. Moores Pike
S. Fenbrook Ln. to S. Olcott Blvd.
Latitude: 0' 0.000 Undefined

Eastbound																		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	Pace Speed	Number in Pace
5/10/11	0	0	0	1	7	7	5	1	0	0	0	0	0	0	0	21	30-39	14
01:00	0	0	0	1	2	6	6	0	0	0	0	0	0	0	0	15	34-43	12
02:00	0	0	0	2	2	3	2	0	0	0	0	0	0	0	0	9	29-38	7
03:00	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3	38-47	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	4	4	3	2	0	0	0	0	0	0	0	13	32-41	9
06:00	0	0	0	1	8	11	13	3	0	0	0	0	0	0	0	36	34-43	24
07:00	4	0	0	1	18	35	26	12	0	0	0	0	0	0	0	96	36-45	61
08:00	7	0	0	5	32	55	44	7	2	0	0	0	0	0	0	152	36-45	99
09:00	10	0	1	11	35	60	51	14	3	0	0	0	0	0	0	185	36-45	111
10:00	5	1	2	2	30	65	34	10	4	0	0	0	0	0	0	153	35-44	99
11:00	3	1	1	6	40	83	46	13	2	0	0	0	0	0	0	195	36-45	129
12 PM	7	0	1	4	56	94	65	14	3	0	1	0	0	0	0	245	36-45	159
13:00	7	0	3	15	42	90	60	15	1	0	0	0	0	0	0	233	36-45	150
14:00	5	0	1	6	33	106	72	18	3	2	0	0	0	0	0	246	36-45	178
15:00	5	0	1	15	59	122	93	31	0	0	0	0	0	0	0	326	36-45	215
16:00	12	0	0	12	75	157	121	23	0	0	1	0	0	0	0	401	36-45	278
17:00	13	0	1	12	79	182	118	36	4	0	0	0	0	0	0	445	36-45	300
18:00	4	0	0	7	58	131	100	27	2	0	0	0	0	0	0	329	36-45	231
19:00	3	0	0	4	55	99	69	19	2	0	0	0	0	0	0	251	36-45	168
20:00	4	1	2	8	48	95	53	10	4	1	0	0	0	0	0	226	34-43	148
21:00	2	1	1	8	42	74	32	6	1	0	0	0	0	0	0	167	31-40	116
22:00	0	0	0	7	20	40	16	3	1	0	0	0	0	0	0	87	31-40	60
23:00	0	0	0	3	8	11	14	4	0	1	0	0	0	0	0	41	35-44	25
Total	91	4	14	131	753	1531	1043	270	32	4	2	0	0	0	0	3875		
Percent	2.3%	0.1%	0.4%	3.4%	19.4%	39.5%	26.9%	7.0%	0.8%	0.1%	0.1%	0.0%	0.0%	0.0%				
AM Peak	09:00	10:00	10:00	09:00	11:00	11:00	09:00	09:00	10:00							11:00		
Vol.	10	1	2	11	40	83	51	14	4							195		
PM Peak	17:00	20:00	13:00	13:00	17:00	17:00	16:00	17:00	17:00	14:00	12:00					17:00		
Vol.	13	1	3	15	79	182	121	36	4	2	1					445		

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

For: Traffic Commission
 Counted By: PK
 Weather: Warm, sunny

Site Code: u4233
 Station ID: SN:023256
 E. Moores Pike
 S. Fenbrook Ln. to S. Olcott Blvd.
 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			
5/11/11	0	0	0	3	12	16	4	3	0	1	0	0	0	0	39	31-40	28
01:00	0	0	0	1	8	4	2	1	0	0	0	0	0	0	16	30-39	13
02:00	0	0	0	1	3	10	4	1	0	0	0	0	0	0	19	33-42	15
03:00	0	0	0	1	1	4	2	1	0	0	0	0	0	0	9	33-42	7
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	27-36	1
05:00	0	0	0	0	3	8	1	1	0	0	0	0	0	0	13	31-40	11
06:00	5	0	2	0	4	11	16	2	1	0	0	0	0	0	41	36-45	27
07:00	4	0	0	3	17	31	31	11	1	0	0	0	0	0	98	36-45	62
08:00	12	3	3	8	24	38	43	7	2	0	0	0	0	0	140	36-45	81
09:00	5	0	1	4	35	88	60	12	2	0	1	0	0	0	208	36-45	148
10:00	2	0	1	5	28	80	41	9	2	0	0	0	0	0	168	36-45	121
11:00	5	0	1	6	42	81	57	22	2	2	0	0	0	0	218	36-45	138
12 PM	3	0	0	5	37	86	65	13	3	2	0	0	0	0	214	36-45	151
13:00	9	0	3	9	44	93	52	14	1	0	0	0	0	0	225	36-45	145
14:00	1	0	0	6	40	96	75	13	3	0	0	0	0	0	234	36-45	171
15:00	9	0	0	3	48	139	114	27	0	0	0	0	0	0	340	36-45	253
16:00	10	0	1	8	82	175	120	38	2	2	0	0	0	0	438	36-45	295
17:00	16	0	1	15	70	167	106	14	5	0	0	0	0	0	394	36-45	273
18:00	8	0	0	2	46	144	103	22	4	0	0	0	0	0	329	36-45	247
19:00	7	0	0	5	36	96	75	25	4	1	0	1	0	0	250	36-45	171
20:00	4	0	1	9	47	91	62	8	0	0	0	0	0	0	222	36-45	153
21:00	0	0	1	5	34	71	29	4	0	0	0	0	0	0	144	31-40	105
22:00	1	0	4	6	23	26	18	5	1	0	0	0	0	0	84	31-40	49
23:00	0	0	2	7	15	21	12	4	0	0	0	0	0	0	61	31-40	36
Total	101	3	21	112	699	1577	1092	257	33	8	1	1	0	0	3905		
Percent	2.6%	0.1%	0.5%	2.9%	17.9%	40.4%	28.0%	6.6%	0.8%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	11:00	09:00	09:00	11:00	08:00	11:00	09:00					11:00	
Vol.	12	3	3	8	42	88	60	22	2	2	1				218		
PM Peak	17:00		22:00	17:00	16:00	16:00	16:00	16:00	17:00	12:00		19:00				16:00	
Vol.	16		4	15	82	175	120	38	5	2		1			438		
Total	192	7	35	243	1452	3108	2135	527	65	12	3	1	0	0	7780		
Percent	2.5%	0.1%	0.4%	3.1%	18.7%	39.9%	27.4%	6.8%	0.8%	0.2%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 33 MPH
 50th Percentile : 39 MPH
 85th Percentile : 44 MPH
 95th Percentile : 48 MPH

Stats
 10 MPH Pace Speed : 36-45 MPH
 Number in Pace : 5243
 Percent in Pace : 67.4%
 Number of Vehicles > 40 MPH : 2743
 Percent of Vehicles > 40 MPH : 35.3%
 Mean Speed(Average) : 38 MPH

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: u4233
Station ID: SN:023256
E. Moores Pike
S. Fenbrook Ln. to S. Olcott Blvd.
Latitude: 0' 0.000 Undefined

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	
5/10/11	0	0	0	0	0	2	8	2	0	0	0	0	0	0	0	0	12	38-47	12	
01:00	0	0	0	0	0	3	4	2	1	0	0	0	0	0	0	0	10	38-47	9	
02:00	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3	28-37	2	
03:00	0	0	0	0	2	1	5	1	1	0	0	0	0	0	0	0	10	36-45	6	
04:00	0	0	0	0	1	3	8	2	1	0	0	0	0	0	0	0	15	38-47	13	
05:00	0	0	0	1	2	7	13	9	2	0	0	0	0	0	0	0	34	39-48	23	
06:00	1	0	0	0	10	24	66	27	2	0	0	0	0	0	0	0	130	38-47	93	
07:00	5	0	0	0	14	95	164	59	5	0	1	0	0	0	0	0	343	36-45	259	
08:00	2	0	0	4	20	126	149	69	9	1	0	0	0	0	0	0	380	36-45	275	
09:00	6	0	0	2	24	64	91	54	10	0	0	0	0	0	0	0	251	36-45	155	
10:00	6	0	0	2	15	39	71	57	3	0	0	0	0	0	0	0	193	41-50	128	
11:00	10	0	0	6	24	70	83	52	3	0	0	0	0	0	0	0	248	36-45	153	
12 PM	5	0	3	0	28	55	106	31	6	0	0	0	0	0	0	0	234	36-45	161	
13:00	5	0	0	5	20	54	93	57	8	0	0	0	0	0	0	0	242	38-47	150	
14:00	3	0	0	3	24	56	86	47	14	0	0	0	0	0	0	0	233	36-45	142	
15:00	8	0	0	2	20	70	109	58	3	1	1	0	1	0	0	0	273	36-45	179	
16:00	17	0	0	0	22	73	104	70	6	0	1	0	0	0	0	0	293	36-45	177	
17:00	18	0	0	4	26	68	119	49	8	2	0	0	0	0	0	0	294	36-45	187	
18:00	8	0	0	3	17	59	88	41	6	1	1	0	0	0	0	0	224	36-45	147	
19:00	5	0	0	2	13	53	74	42	6	0	0	0	0	0	0	0	195	36-45	127	
20:00	5	0	0	4	16	48	44	30	2	0	0	0	0	0	0	0	149	36-45	92	
21:00	2	0	1	0	11	30	22	11	5	0	0	0	0	0	0	0	82	36-45	52	
22:00	1	0	0	1	5	14	24	4	3	0	0	0	0	0	0	0	52	36-45	38	
23:00	0	0	0	2	3	11	9	5	2	0	0	0	0	0	0	0	32	35-44	20	
Total	107	0	4	41	317	1027	1540	780	106	5	4	0	1	0	0	0	3932			
Percent	2.7%	0.0%	0.1%	1.0%	8.1%	26.1%	39.2%	19.8%	2.7%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	11:00			11:00	09:00	08:00	07:00	08:00	09:00	08:00	07:00							08:00		
Vol.	10			6	24	126	164	69	10	1	1							380		
PM Peak	17:00		12:00	13:00	12:00	16:00	17:00	16:00	14:00	17:00	15:00		15:00					17:00		
Vol.	18		3	5	28	73	119	70	14	2	1		1					294		

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: u4233
Station ID: SN:023256
E. Moores Pike
S. Fenbrook Ln. to S. Olcott Blvd.
Latitude: 0' 0.000 Undefined

Westbound																	
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
5/11/11	0	0	0	0	2	7	4	1	0	0	0	0	0	0	14	34-43	12
01:00	1	0	0	0	0	5	3	5	1	0	0	0	0	0	15	42-51	9
02:00	0	0	0	0	0	2	4	1	0	1	0	0	0	0	8	37-46	7
03:00	0	0	0	0	3	0	3	1	0	0	0	0	0	0	7	37-46	4
04:00	0	0	0	1	2	1	6	5	1	0	0	0	0	0	16	40-49	11
05:00	0	0	0	3	2	9	14	10	1	0	0	0	0	0	39	37-46	24
06:00	3	0	0	2	7	18	51	23	2	1	1	0	0	0	108	39-48	74
07:00	3	0	0	5	17	77	131	84	3	0	0	0	0	0	320	40-49	215
08:00	6	0	3	7	44	116	146	56	10	0	0	0	0	0	388	36-45	262
09:00	4	0	0	3	21	61	91	53	10	0	0	0	0	0	243	36-45	152
10:00	5	0	0	3	18	59	94	43	8	3	0	0	0	0	233	36-45	153
11:00	4	0	0	1	17	69	85	40	11	1	0	0	0	0	228	36-45	154
12 PM	4	0	0	2	19	40	96	53	10	3	2	0	0	0	229	41-50	149
13:00	8	0	0	0	18	63	81	45	13	1	0	0	0	0	229	36-45	144
14:00	9	0	0	2	9	51	91	43	10	3	0	0	0	0	218	36-45	142
15:00	12	0	1	0	18	50	108	57	11	1	0	0	0	0	258	41-50	165
16:00	15	0	1	1	16	51	110	68	12	1	0	0	0	0	275	41-50	178
17:00	16	0	0	2	16	64	99	65	14	1	0	0	0	0	277	37-46	164
18:00	14	0	0	2	20	69	84	52	8	3	1	0	0	0	253	36-45	153
19:00	5	0	0	2	15	43	69	35	2	0	0	0	0	0	171	36-45	112
20:00	7	0	0	1	24	48	43	21	5	1	0	0	0	0	150	36-45	91
21:00	5	0	0	1	9	24	38	14	2	0	0	0	0	0	93	36-45	62
22:00	1	0	0	0	8	15	22	8	1	0	0	0	0	0	55	36-45	37
23:00	0	0	0	1	1	13	12	3	2	0	0	0	0	0	32	36-45	25
Total	122	0	5	39	306	955	1485	786	137	20	4	0	0	0	3859		
Percent	3.2%	0.0%	0.1%	1.0%	7.9%	24.7%	38.5%	20.4%	3.6%	0.5%	0.1%	0.0%	0.0%	0.0%			
AM Peak	08:00		08:00	08:00	08:00	08:00	08:00	07:00	11:00	10:00	06:00				08:00		
Vol.	6		3	7	44	116	146	84	11	3	1				388		
PM Peak	17:00		15:00	12:00	20:00	18:00	16:00	16:00	17:00	12:00	12:00				17:00		
Vol.	16		1	2	24	69	110	68	14	3	2				277		
Total	229	0	9	80	623	1982	3025	1566	243	25	8	0	1	0	7791		
Percent	2.9%	0.0%	0.1%	1.0%	8.0%	25.4%	38.8%	20.1%	3.1%	0.3%	0.1%	0.0%	0.0%	0.0%			

15th Percentile : 36 MPH
50th Percentile : 42 MPH
85th Percentile : 48 MPH
95th Percentile : 50 MPH

Stats
10 MPH Pace Speed : 36-45 MPH
Number in Pace : 5007
Percent in Pace : 64.3%
Number of Vehicles > 40 MPH : 4868
Percent of Vehicles > 40 MPH : 62.5%
Mean Speed(Average) : 41 MPH

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: u4233
Station ID: SN:023256
E. Moores Pike
S. Fenbrook Ln. to S. Olcott Blvd.
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
5/10/11	0	0	0	1	7	9	13	3	0	0	0	0	0	0	0	33	34-43	22
01:00	0	0	0	1	2	9	10	2	1	0	0	0	0	0	0	25	36-45	19
02:00	0	0	0	2	2	5	2	1	0	0	0	0	0	0	0	12	33-42	9
03:00	0	0	0	0	2	2	5	3	1	0	0	0	0	0	0	13	39-48	10
04:00	0	0	0	0	1	3	8	2	1	0	0	0	0	0	0	15	38-47	13
05:00	0	0	0	1	6	11	16	11	2	0	0	0	0	0	0	47	37-46	28
06:00	1	0	0	1	18	35	79	30	2	0	0	0	0	0	0	166	36-45	114
07:00	9	0	0	1	32	130	190	71	5	0	1	0	0	0	0	439	36-45	320
08:00	9	0	0	9	52	181	193	76	11	1	0	0	0	0	0	532	36-45	374
09:00	16	0	1	13	59	124	142	68	13	0	0	0	0	0	0	436	36-45	266
10:00	11	1	2	4	45	104	105	67	7	0	0	0	0	0	0	346	36-45	209
11:00	13	1	1	12	64	153	129	65	5	0	0	0	0	0	0	443	36-45	282
12 PM	12	0	4	4	84	149	171	45	9	0	1	0	0	0	0	479	36-45	320
13:00	12	0	3	20	62	144	153	72	9	0	0	0	0	0	0	475	36-45	297
14:00	8	0	1	9	57	162	158	65	17	2	0	0	0	0	0	479	36-45	320
15:00	13	0	1	17	79	192	202	89	3	1	1	0	1	0	0	599	36-45	394
16:00	29	0	0	12	97	230	225	93	6	0	2	0	0	0	0	694	36-45	455
17:00	31	0	1	16	105	250	237	85	12	2	0	0	0	0	0	739	36-45	487
18:00	12	0	0	10	75	190	188	68	8	1	1	0	0	0	0	553	36-45	378
19:00	8	0	0	6	68	152	143	61	8	0	0	0	0	0	0	446	36-45	295
20:00	9	1	2	12	64	143	97	40	6	1	0	0	0	0	0	375	36-45	240
21:00	4	1	2	8	53	104	54	17	6	0	0	0	0	0	0	249	33-42	159
22:00	1	0	0	8	25	54	40	7	4	0	0	0	0	0	0	139	36-45	94
23:00	0	0	0	5	11	22	23	9	2	1	0	0	0	0	0	73	36-45	45
Total	198	4	18	172	1070	2558	2583	1050	138	9	6	0	1	0	0	7807		
Percent	2.5%	0.1%	0.2%	2.2%	13.7%	32.8%	33.1%	13.4%	1.8%	0.1%	0.1%	0.0%	0.0%	0.0%				
AM Peak	09:00	10:00	10:00	09:00	11:00	08:00	08:00	08:00	09:00	08:00	07:00					08:00		
Vol.	16	1	2	13	64	181	193	76	13	1	1					532		
PM Peak	17:00	20:00	12:00	13:00	17:00	17:00	17:00	16:00	14:00	14:00	16:00		15:00			17:00		
Vol.	31	1	4	20	105	250	237	93	17	2	2		1			739		

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: u4233
Station ID: SN:023256
E. Moores Pike
S. Fenbrook Ln. to S. Olcott Blvd.
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
5/11/11	0	0	0	3	14	23	8	4	0	1	0	0	0	0	0	53	31-40	37
01:00	1	0	0	1	8	9	5	6	1	0	0	0	0	0	0	31	30-39	17
02:00	0	0	0	1	3	12	8	2	0	1	0	0	0	0	0	27	34-43	20
03:00	0	0	0	1	4	4	5	2	0	0	0	0	0	0	0	16	37-46	10
04:00	0	0	0	1	2	2	6	5	1	0	0	0	0	0	0	17	39-48	11
05:00	0	0	0	3	5	17	15	11	1	0	0	0	0	0	0	52	36-45	32
06:00	8	0	2	2	11	29	67	25	3	1	1	0	0	0	0	149	36-45	96
07:00	7	0	0	8	34	108	162	95	4	0	0	0	0	0	0	418	36-45	270
08:00	18	3	6	15	68	154	189	63	12	0	0	0	0	0	0	528	36-45	343
09:00	9	0	1	7	56	149	151	65	12	0	1	0	0	0	0	451	36-45	300
10:00	7	0	1	8	46	139	135	52	10	3	0	0	0	0	0	401	36-45	274
11:00	9	0	1	7	59	150	142	62	13	3	0	0	0	0	0	446	36-45	292
12 PM	7	0	0	7	56	126	161	66	13	5	2	0	0	0	0	443	36-45	287
13:00	17	0	3	9	62	156	133	59	14	1	0	0	0	0	0	454	36-45	289
14:00	10	0	0	8	49	147	166	56	13	3	0	0	0	0	0	452	36-45	313
15:00	21	0	1	3	66	189	222	84	11	1	0	0	0	0	0	598	36-45	411
16:00	25	0	2	9	98	226	230	106	14	3	0	0	0	0	0	713	36-45	456
17:00	32	0	1	17	86	231	205	79	19	1	0	0	0	0	0	671	36-45	436
18:00	22	0	0	4	66	213	187	74	12	3	1	0	0	0	0	582	36-45	400
19:00	12	0	0	7	51	139	144	60	6	1	0	1	0	0	0	421	36-45	283
20:00	11	0	1	10	71	139	105	29	5	1	0	0	0	0	0	372	36-45	244
21:00	5	0	1	6	43	95	67	18	2	0	0	0	0	0	0	237	36-45	162
22:00	2	0	4	6	31	41	40	13	2	0	0	0	0	0	0	139	36-45	81
23:00	0	0	2	8	16	34	24	7	2	0	0	0	0	0	0	93	35-44	58
Total	223	3	26	151	1005	2532	2577	1043	170	28	5	1	0	0	0	7764		
Percent	2.9%	0.0%	0.3%	1.9%	12.9%	32.6%	33.2%	13.4%	2.2%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	11:00	10:00	06:00					08:00		
Vol.	18	3	6	15	68	154	189	95	13	3	1					528		
PM Peak	17:00		22:00	17:00	16:00	17:00	16:00	16:00	17:00	12:00	12:00	19:00				16:00		
Vol.	32		4	17	98	231	230	106	19	5	2	1				713		
Total	421	7	44	323	2075	5090	5160	2093	308	37	11	1	1	0	0	15571		
Percent	2.7%	0.0%	0.3%	2.1%	13.3%	32.7%	33.1%	13.4%	2.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 34 MPH
 50th Percentile : 40 MPH
 85th Percentile : 46 MPH
 95th Percentile : 49 MPH

Stats
 10 MPH Pace Speed : 36-45 MPH
 Number in Pace : 10250
 Percent in Pace : 65.8%
 Number of Vehicles > 40 MPH : 7611
 Percent of Vehicles > 40 MPH : 48.9%
 Mean Speed(Average) : 40 MPH

**City of Bloomington
Engineering Department**

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

Site Code: Apollyon
Station ID: SN:023255

Latitude: 0' 0.000 South

Northbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
5/10/11	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4	17-26	4
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	12-21	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	12-21	2
04:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4	13-22	4
05:00	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6	16-25	6
06:00	0	3	10	15	0	0	0	0	0	0	0	0	0	0	28	21-30	25
07:00	1	6	32	28	5	0	0	0	0	0	0	0	0	0	72	21-30	60
08:00	8	4	34	33	4	0	1	0	0	0	0	0	0	0	84	21-30	67
09:00	0	4	41	18	4	0	0	0	0	0	0	0	0	0	67	21-30	59
10:00	5	2	21	13	2	0	0	0	0	0	0	0	0	0	43	21-30	34
11:00	1	14	33	18	7	0	0	0	0	0	0	0	0	0	73	19-28	51
12 PM	0	4	21	24	4	0	0	0	0	0	0	0	0	0	53	21-30	45
13:00	1	12	32	17	2	0	0	0	0	0	0	0	0	0	64	19-28	49
14:00	3	2	31	21	2	0	0	0	0	0	0	0	0	0	59	21-30	52
15:00	8	6	17	28	2	0	0	0	0	0	0	0	0	0	61	21-30	45
16:00	2	9	35	26	4	0	0	0	0	0	0	0	0	0	76	21-30	61
17:00	1	8	33	24	3	0	0	0	0	0	0	0	0	0	69	21-30	57
18:00	1	3	18	20	2	0	0	0	0	0	0	0	0	0	44	21-30	38
19:00	1	3	20	20	3	0	0	0	0	0	0	0	0	0	47	21-30	40
20:00	1	4	16	6	2	0	0	0	0	0	0	0	0	0	29	17-26	22
21:00	0	1	6	6	0	0	0	0	0	0	0	0	0	0	13	20-29	12
22:00	1	0	6	4	1	0	0	0	0	0	0	0	0	0	12	20-29	10
23:00	1	1	3	0	0	0	0	0	0	0	0	0	0	0	5	14-23	5
Total	36	89	421	322	47	0	1	0	916								
Percent	3.9%	9.7%	46.0%	35.2%	5.1%	0.0%	0.1%	0.0%									
AM Peak	08:00	11:00	09:00	08:00	11:00		08:00									08:00	
Vol.	8	14	41	33	7		1									84	
PM Peak	15:00	13:00	16:00	15:00	12:00											16:00	
Vol.	8	12	35	28	4											76	

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Site Code: Apollyon
Station ID: SN:023255

Northbound

Latitude: 0' 0.000 South

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
5/11/11	0	1	1	2	2	0	0	0	0	0	0	0	0	0	6	23-32	5
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	22-31	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	12-21	1
04:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4	*	2
05:00	0	1	6	2	0	0	0	0	0	0	0	0	0	0	9	18-27	9
06:00	0	2	13	8	0	0	0	0	0	0	0	0	0	0	23	19-28	21
07:00	4	5	37	22	3	0	0	0	0	0	0	0	0	0	71	21-30	59
08:00	6	10	30	32	4	1	0	0	0	0	0	0	0	0	83	21-30	62
09:00	2	9	22	22	3	0	0	0	0	0	0	0	0	0	58	21-30	44
10:00	0	1	16	23	4	0	0	0	0	0	0	0	0	0	44	21-30	39
11:00	1	10	21	22	0	0	0	0	0	0	0	0	0	0	54	21-30	43
12 PM	1	8	22	22	3	0	0	0	0	0	0	0	0	0	56	21-30	44
13:00	2	6	42	14	4	1	0	0	0	0	0	0	0	0	69	20-29	56
14:00	0	6	20	16	1	0	0	0	0	0	0	0	0	0	43	21-30	36
15:00	4	7	26	24	5	0	0	0	0	0	0	0	0	0	66	21-30	50
16:00	3	8	23	28	4	0	0	0	0	0	0	0	0	0	66	21-30	51
17:00	2	3	29	33	3	0	0	0	0	0	0	0	0	0	70	21-30	62
18:00	2	7	39	26	2	0	0	0	0	0	0	0	0	0	76	21-30	65
19:00	3	2	24	12	3	0	0	0	0	0	0	0	0	0	44	21-30	36
20:00	1	3	27	17	0	0	0	0	0	0	0	0	0	0	48	21-30	44
21:00	0	2	11	5	0	0	0	0	0	0	0	0	0	0	18	19-28	16
22:00	0	0	5	6	0	0	0	0	0	0	0	0	0	0	11	21-30	11
23:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	18-27	2
Total	33	92	416	338	42	2	0	923									
Percent	3.6%	10.0%	45.1%	36.6%	4.6%	0.2%	0.0%										
AM Peak	08:00	08:00	07:00	08:00	08:00	08:00										08:00	
Vol.	6	10	37	32	4	1										83	
PM Peak	15:00	12:00	13:00	17:00	15:00	13:00										18:00	
Vol.	4	8	42	33	5	1										76	
Total	69	181	837	660	89	2	1	0	1839								
Percent	3.8%	9.8%	45.5%	35.9%	4.8%	0.1%	0.1%	0.0%									

15th Percentile : 21 MPH
 50th Percentile : 24 MPH
 85th Percentile : 29 MPH
 95th Percentile : 30 MPH

Stats
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 1497
 Percent in Pace : 81.4%
 Number of Vehicles > 30 MPH : 92
 Percent of Vehicles > 30 MPH : 5.0%
 Mean Speed(Average) : 24 MPH

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

Site Code: Apollyon
 Station ID: SN:023255

Southbound Latitude: 0' 0.000 South

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	
5/11/11	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	18-27	7	
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12-21	1	
02:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	1	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	2	
06:00	4	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10	17-26	6	
07:00	1	2	11	8	1	0	0	0	0	0	0	0	0	0	0	0	0	23	19-28	19	
08:00	3	10	17	7	1	0	0	0	0	0	0	0	0	0	0	0	0	38	16-25	27	
09:00	3	3	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	32	20-29	26	
10:00	2	11	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	44	16-25	30	
11:00	0	6	19	20	0	0	0	0	0	0	0	0	0	0	0	0	0	45	21-30	39	
12 PM	4	7	22	17	1	0	0	0	0	0	0	0	0	0	0	0	0	51	21-30	39	
13:00	5	12	23	9	1	0	0	0	0	0	0	0	0	0	0	0	0	50	16-25	35	
14:00	3	8	24	16	6	0	0	0	0	0	0	0	0	0	0	0	0	57	21-30	40	
15:00	4	15	37	28	0	0	0	0	0	0	0	0	0	0	0	0	0	84	21-30	65	
16:00	0	6	57	40	1	0	0	0	0	0	0	0	0	0	0	0	0	104	21-30	97	
17:00	1	7	48	39	5	0	0	0	0	0	0	0	0	0	0	0	0	100	21-30	87	
18:00	2	4	39	36	3	0	0	0	0	0	0	0	0	0	0	0	0	84	21-30	75	
19:00	4	5	37	25	1	0	0	0	0	0	0	0	0	0	0	0	0	72	21-30	62	
20:00	3	14	35	19	2	0	0	0	0	0	0	0	0	0	0	0	0	73	20-29	54	
21:00	0	1	19	13	1	0	0	0	0	0	0	0	0	0	0	0	0	34	21-30	32	
22:00	0	1	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	15	18-27	14	
23:00	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15-24	7	
Total	43	118	447	302	26	0	936														
Percent	4.6%	12.6%	47.8%	32.3%	2.8%	0.0%															
AM Peak	06:00	10:00	10:00	11:00	10:00														11:00		
Vol.	4	11	19	20	2														45		
PM Peak	13:00	15:00	16:00	16:00	14:00														16:00		
Vol.	5	15	57	40	6														104		
Total	76	226	926	600	45	2	0	1875													
Percent	4.1%	12.1%	49.4%	32.0%	2.4%	0.1%	0.0%														

15th Percentile : 20 MPH
 50th Percentile : 24 MPH
 85th Percentile : 29 MPH
 95th Percentile : 30 MPH

Stats
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 1526
 Percent in Pace : 81.4%
 Number of Vehicles > 30 MPH : 47
 Percent of Vehicles > 30 MPH : 2.5%
 Mean Speed(Average) : 24 MPH

City of Bloomington Engineering Department

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812-349-3417

Site Code: Apollyon
Station ID: SN:023255

Northbound, Southbound																Latitude: 0' 0.000 South		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace	
5/10/11	0	1	5	1	0	0	0	0	0	0	0	0	0	0	7	17-26	7	
01:00	0	1	1	3	0	0	0	0	0	0	0	0	0	0	5	19-28	5	
02:00	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3	17-26	2	
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	12-21	2	
04:00	2	1	2	0	1	0	0	0	0	0	0	0	0	0	6	13-22	3	
05:00	0	1	6	1	0	0	0	0	0	0	0	0	0	0	8	17-26	8	
06:00	1	3	10	16	0	0	0	0	0	0	0	0	0	0	30	21-30	26	
07:00	1	8	45	31	5	0	0	0	0	0	0	0	0	0	90	21-30	76	
08:00	10	9	50	46	4	0	1	0	0	0	0	0	0	0	120	21-30	96	
09:00	2	12	60	29	4	0	0	0	0	0	0	0	0	0	107	21-30	89	
10:00	7	9	50	24	2	0	0	0	0	0	0	0	0	0	92	21-30	74	
11:00	1	23	59	31	9	1	0	0	0	0	0	0	0	0	124	21-30	90	
12 PM	5	11	44	41	5	0	0	0	0	0	0	0	0	0	106	21-30	85	
13:00	3	20	68	39	6	0	0	0	0	0	0	0	0	0	136	21-30	107	
14:00	8	7	69	50	4	0	0	0	0	0	0	0	0	0	138	21-30	119	
15:00	12	19	60	61	5	0	0	0	0	0	0	0	0	0	157	21-30	121	
16:00	5	23	78	52	8	0	0	0	0	0	0	0	0	0	166	21-30	130	
17:00	2	12	77	59	3	1	0	0	0	0	0	0	0	0	154	21-30	136	
18:00	3	8	60	39	3	0	0	0	0	0	0	0	0	0	113	21-30	99	
19:00	3	10	47	40	4	0	0	0	0	0	0	0	0	0	104	21-30	87	
20:00	1	10	52	28	2	0	0	0	0	0	0	0	0	0	93	21-30	80	
21:00	0	4	35	20	0	0	0	0	0	0	0	0	0	0	59	21-30	55	
22:00	1	2	14	6	1	0	0	0	0	0	0	0	0	0	24	19-28	20	
23:00	1	2	6	2	0	0	0	0	0	0	0	0	0	0	11	18-27	10	
Total	69	197	900	620	66	2	1	0	1855									
Percent	3.7%	10.6%	48.5%	33.4%	3.6%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	08:00	11:00	09:00	08:00	11:00	11:00	08:00									11:00		
Vol.	10	23	60	46	9	1	1								124			
PM Peak	15:00	16:00	16:00	15:00	16:00	17:00										16:00		
Vol.	12	23	78	61	8	1									166			

City of Bloomington Engineering Department

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Site Code: Apollyon
Station ID: SN:023255

Northbound, Southbound

Latitude: 0' 0.000 South

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
5/11/11	0	3	4	4	2	0	0	0	0	0	0	0	0	0	13	18-27	9
01:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	12-21	1
02:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	*	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	12-21	1
04:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	5	*	3
05:00	2	1	6	2	0	0	0	0	0	0	0	0	0	0	11	18-27	9
06:00	4	3	17	9	0	0	0	0	0	0	0	0	0	0	33	20-29	26
07:00	5	7	48	30	4	0	0	0	0	0	0	0	0	0	94	21-30	78
08:00	9	20	47	39	5	1	0	0	0	0	0	0	0	0	121	21-30	86
09:00	5	12	39	31	3	0	0	0	0	0	0	0	0	0	90	21-30	70
10:00	2	12	35	33	6	0	0	0	0	0	0	0	0	0	88	21-30	68
11:00	1	16	40	42	0	0	0	0	0	0	0	0	0	0	99	21-30	82
12 PM	5	15	44	39	4	0	0	0	0	0	0	0	0	0	107	21-30	83
13:00	7	18	65	23	5	1	0	0	0	0	0	0	0	0	119	19-28	88
14:00	3	14	44	32	7	0	0	0	0	0	0	0	0	0	100	21-30	76
15:00	8	22	63	52	5	0	0	0	0	0	0	0	0	0	150	21-30	115
16:00	3	14	80	68	5	0	0	0	0	0	0	0	0	0	170	21-30	148
17:00	3	10	77	72	8	0	0	0	0	0	0	0	0	0	170	21-30	149
18:00	4	11	78	62	5	0	0	0	0	0	0	0	0	0	160	21-30	140
19:00	7	7	61	37	4	0	0	0	0	0	0	0	0	0	116	21-30	98
20:00	4	17	62	36	2	0	0	0	0	0	0	0	0	0	121	21-30	98
21:00	0	3	30	18	1	0	0	0	0	0	0	0	0	0	52	21-30	48
22:00	0	1	16	8	1	0	0	0	0	0	0	0	0	0	26	20-29	24
23:00	0	3	4	2	0	0	0	0	0	0	0	0	0	0	9	18-27	9
Total	76	210	863	640	68	2	0	1859									
Percent	4.1%	11.3%	46.4%	34.4%	3.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	07:00	11:00	10:00	08:00										08:00	
Vol.	9	20	48	42	6	1										121	
PM Peak	15:00	15:00	16:00	17:00	17:00	13:00										16:00	
Vol.	8	22	80	72	8	1										170	
Total	145	407	1763	1260	134	4	1	0	3714								
Percent	3.9%	11.0%	47.5%	33.9%	3.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 21 MPH
 50th Percentile : 24 MPH
 85th Percentile : 29 MPH
 95th Percentile : 30 MPH

Stats
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 3023
 Percent in Pace : 81.4%
 Number of Vehicles > 30 MPH : 139
 Percent of Vehicles > 30 MPH : 3.7%
 Mean Speed(Average) : 24 MPH

**INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL
DEVICES (I.M.U.T.C.D)**

REFERENCE FOR:

MULTI-WAY STOP

that the legend is out of view of traffic to which it does not apply.

Where there is a marked crosswalk at the intersection, the STOP sign should be installed in advance of the crosswalk line nearest to the approaching traffic.

Option:

At wide-throat intersections or where two or more approach lanes of traffic exist on the signed approach, observance of the stop control may be improved by the installation of an additional STOP sign on the left side of the road and/or the use of a stop line. At channelized intersections, the additional STOP sign may be effectively placed on a channelizing island.

Support:

Figure 2A-2 shows examples of some typical placements of STOP signs.

Section 2B.07 Multiway Stop Applications

Support:

Multiway stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multiway stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multiway stop control is used where the volume of traffic on the intersecting roads is approximately equal.

The restrictions on the use of STOP signs described in Section 2B.05 also apply to multiway stop applications. Guidance:

The decision to install multiway stop control should be based on an engineering study.

The following criteria should be considered in the engineering study for a multiway STOP sign installation:

- A. Where traffic control signals are justified, the multiway stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.
- B. A crash problem, as indicated by 5 or more reported crashes in a 12-month period that are susceptible to correction by a multiway stop installation. Such crashes include right- and left-turn collisions as well as right-angle collisions.
- C. Minimum volumes:
 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day, and
 2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour, but
 3. If the 85th-percentile approach speed of the major-street traffic exceeds 65 km/h or exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the above values.
- D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.

Option:

Other criteria that may be considered in an engineering study include:

- A. The need to control left-turn conflicts;
- B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
- C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to reasonably safely negotiate the intersection unless conflicting cross traffic is also required to stop; and
- D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multiway stop control would improve traffic operational characteristics of the intersection.

Section 2B.08 YIELD Sign (R1-2)

Standard:

The YIELD (R1-2) sign (see Figure 2B-1) shall be a downward-pointing equilateral triangle with a wide red border and the legend YIELD in red on a white background.

Support:

The YIELD sign assigns right-of-way to traffic on certain approaches to an intersection. Vehicles controlled by a YIELD sign need to slow down or stop when necessary to avoid interfering with conflicting traffic.



City of Bloomington
Public Works Department
Engineering Division

TRAFFIC COMMISSION STAFF REPORT

Meeting Date: May 25, 2011

Subject: Moores Pike / Olcott Boulevard Multi-Way Stop Request

Report: The City of Bloomington Engineering Department received a request initiated by Claire Robertson a resident in Hyde Park who expressed concerns about the safety of the intersection.

The Engineering Division conducted a traffic study of the intersection which included traffic counts, accident research, and a sight distance analysis of the intersection.

A multi-way stop warrant was not met for the intersection and the report is included along with a copy of the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) which lists those warrants.

A sight distance analysis was performed which indicated there is currently appropriate sight distance available for a 30m.p.h. zone as established by the Bloomington Municipal Code for this section of Moores Pike.

Recommendations: During the study it was identified that the posted speed limit was incorrect. When this section of Moores Pike was under the jurisdiction of the County, the speed limit was 40m.p.h., however when annexed by the City of Bloomington it should have defaulted to the standard 30m.p.h. unless indicated by Bloomington Municipal Code which it currently is not.

The speed limit sign has been replaced with the appropriate 30m.p.h. sign, and we have recommended additional enforcement of this newly posted speed limit to the Bloomington Police Department. With these changes and based on the data reviewed we recommend denial of this request for a multi-way stop at this intersection.

I live at 1106 S. Washington Street - between Davis Street and Grimes Street. Below is a list of concerns for the half-block gravel alley that runs east-west between Washington Street and the gas station on Walnut.

1) We can have upwards of forty vehicles a day, including large trucks, using the half-block gravel alley as an exit ramp from the gas station - in order to travel south or east. This very short alley has NO thru connection beyond Washington Street. It does not connect to Walnut Street.

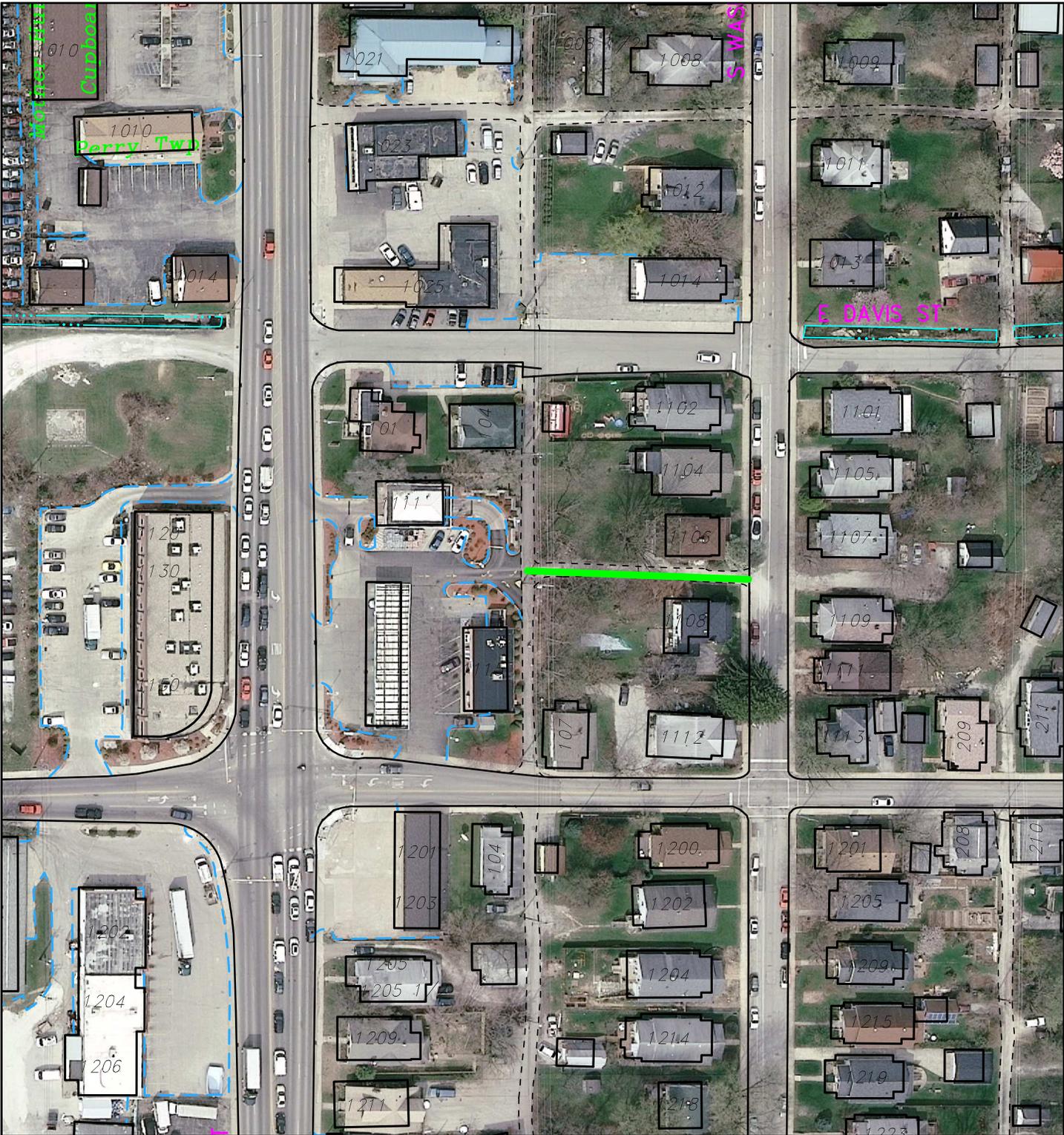
2) This heavy traffic on a gravel alley is often moving rapidly at an accelerating speed. The traffic threatens pets, pedestrians, kicks up dust and exhaust into open house windows. Trash and litter are thrown from these vehicles into the alley. And some drivers turn the wrong way onto Washington St.

3) Forty vehicles of COMMERCIAL TRAFFIC routed down a gravel alley through a RESIDENTIAL BLOCK does not make sense. Especially since the yellow directional signs painted at the exit from the gas station indicate that traffic is to TURN left or right onto the PAVED north-south alley that connects Davis and Grimes Streets.

*4) A **SIMPLE SOLUTION**: Designate the alley ONE WAY going west - a couple of signs do the trick.*

Thanks for your time and thoughts on this matter.

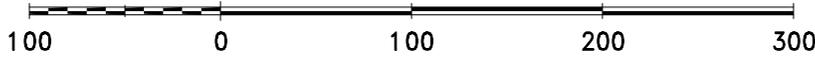
*Regards,
Ian Woollen*



Alley Directional Change Request

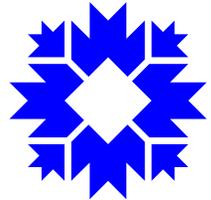
Green = Area of Change

By: wykoffj
19 Apr 11



For reference only; map information NOT warranted.

City of Bloomington
Engineering



Scale: 1" = 100'



Contact: Denise Dean
Secretary
Bloomington Traffic Commission
Phone: (812) 349-3417
Email: traffic.commission@bloomington.in.gov

City Hall at Showers
Suite 130
401 North Morton Street
Bloomington, IN 47404

TRAFFIC COMMISSION

MEETING NOTICE

Bloomington Traffic Commission

Request for One Way Alley

May 25, 2011: The City of Bloomington Traffic Commission will meet to discuss a request to make the east west alley between Grimes Lane and Davis Street one-way westbound. This change would occur between Walnut Street and Washington Street.

The traffic flow directional change is to be discussed and voted on by the Bloomington Traffic Commission, an advisory Commission to the Bloomington City Council.

This meeting will be held on May 25, 2011 at 5:30p.m. at City Hall Council Chambers, 401 North Morton Street, Bloomington, Indiana.

Members of the public are welcome to attend and express their thoughts and opinions on this request that will be voted on and if approved, forwarded to the City Council for their consideration.







101487

Car Wash









City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Start Time	11-Apr-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Eastbound	Westbou	Eastbou	Westbou												
12:00 AM	*	*	*	*	0	0	1	0	*	*	*	*	*	*	0	0
01:00	*	*	*	*	0	0	1	1	*	*	*	*	*	*	0	0
02:00	*	*	*	*	0	0	1	0	*	*	*	*	*	*	0	0
03:00	*	*	*	*	0	0	1	0	*	*	*	*	*	*	0	0
04:00	*	*	*	*	0	0	0	0	*	*	*	*	*	*	0	0
05:00	*	*	*	*	0	0	1	0	*	*	*	*	*	*	0	0
06:00	*	*	*	*	0	1	2	0	*	*	*	*	*	*	1	0
07:00	*	*	*	*	10	0	4	0	*	*	*	*	*	*	7	0
08:00	*	*	*	*	6	0	16	1	*	*	*	*	*	*	11	0
09:00	*	*	*	*	1	0	4	1	*	*	*	*	*	*	2	0
10:00	*	*	*	*	3	6	2	0	*	*	*	*	*	*	2	3
11:00	*	*	*	*	3	0	7	0	*	*	*	*	*	*	5	0
12:00 PM	*	*	7	1	4	1	7	4	*	*	*	*	*	*	6	2
01:00	*	*	10	4	4	1	5	1	*	*	*	*	*	*	6	2
02:00	*	*	7	2	13	0	3	2	*	*	*	*	*	*	8	1
03:00	*	*	12	1	14	4	*	*	*	*	*	*	*	*	13	2
04:00	*	*	12	0	6	2	*	*	*	*	*	*	*	*	9	1
05:00	*	*	5	0	10	1	*	*	*	*	*	*	*	*	8	0
06:00	*	*	5	4	2	1	*	*	*	*	*	*	*	*	4	2
07:00	*	*	3	0	4	1	*	*	*	*	*	*	*	*	4	0
08:00	*	*	3	1	7	1	*	*	*	*	*	*	*	*	5	1
09:00	*	*	2	0	0	0	*	*	*	*	*	*	*	*	1	0
10:00	*	*	2	0	3	2	*	*	*	*	*	*	*	*	2	1
11:00	*	*	0	0	1	0	*	*	*	*	*	*	*	*	0	0
Lane Day	0	0	68	13	91	21	55	10	0	0	0	0	0	0	94	15
AM Peak					07:00	10:00	08:00	01:00							08:00	10:00
Vol.					10	6	16	1							11	3
PM Peak			15:00	13:00	15:00	15:00	12:00	12:00							15:00	12:00
Vol.			12	4	14	4	7	4							13	2

Comb. Total	0	81	112	65	0	0	0	109
ADT	ADT 112	AADT 112						

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Eastbound																	
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/12/11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	1	0	3	2	1	0	0	0	0	0	0	0	0	0	7	4-13	6
13:00	3	0	3	3	0	1	0	0	0	0	0	0	0	0	10	1-10	7
14:00	0	0	2	4	0	1	0	0	0	0	0	0	0	0	7	7-16	7
15:00	3	0	5	3	1	0	0	0	0	0	0	0	0	0	12	1-10	9
16:00	3	0	4	4	0	1	0	0	0	0	0	0	0	0	12	1-10	9
17:00	2	0	3	0	0	0	0	0	0	0	0	0	0	0	5	*	5
18:00	1	0	2	1	1	0	0	0	0	0	0	0	0	0	5	4-13	4
19:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	4-13	3
20:00	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3	1-10	2
21:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	*	1
22:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	7-16	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	15	1	22	21	4	4	1	0	0	0	0	0	0	0	68		
Percent	22.1%	1.5%	32.4%	30.9%	5.9%	5.9%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak																	
Vol.																	
PM Peak	13:00	19:00	15:00	14:00	12:00	13:00	21:00								15:00		
Vol.	3	1	5	4	1	1	1								12		

**City of Bloomington
Engineering Department**

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Eastbound																	
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/13/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	5	1	3	1	0	0	0	0	0	0	0	0	0	0	10	1-10	10
08:00	2	0	1	3	0	0	0	0	0	0	0	0	0	0	6	1-10	4
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
10:00	1	0	0	1	0	0	1	0	0	0	0	0	0	0	3	1-10	2
11:00	1	0	0	1	1	0	0	0	0	0	0	0	0	0	3	4-13	2
12 PM	1	0	1	1	1	0	0	0	0	0	0	0	0	0	4	4-13	3
13:00	1	0	1	1	0	0	0	0	0	0	0	0	0	0	4	1-10	3
14:00	7	0	2	4	0	0	0	0	0	0	0	0	0	0	13	1-10	11
15:00	2	0	2	7	2	1	0	0	0	0	0	0	0	0	14	7-16	12
16:00	1	0	2	2	1	0	0	0	0	0	0	0	0	0	6	4-13	5
17:00	4	0	3	3	0	0	0	0	0	0	0	0	0	0	10	1-10	8
18:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1-10	2
19:00	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4	*	4
20:00	2	0	1	2	1	1	0	0	0	0	0	0	0	0	7	7-16	5
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	4-13	3
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
Total	32	2	18	29	7	2	1	0	0	0	0	0	0	0	91		
Percent	35.2%	2.2%	19.8%	31.9%	7.7%	2.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	08:00	11:00			10:00								07:00	
Vol.	5	1	3	3	1			1								10	
PM Peak	14:00	23:00	17:00	15:00	15:00	15:00										15:00	
Vol.	7	1	3	7	2	1										14	

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

For: Traffic Commission
 Counted By: PK
 Weather: Warm, sunny

Site Code: q43119
 Station ID: SN:022895
 East West Alley West of S. Washington St
 North of E. Grimes Ln.
 Latitude: 0' 0.000 Undefined

Eastbound																	
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/14/11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	*	1
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	4-13	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1-10	1
06:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	*	2
07:00	1	0	0	2	1	0	0	0	0	0	0	0	0	0	4	4-13	3
08:00	11	0	2	3	0	0	0	0	0	0	0	0	0	0	16	1-10	14
09:00	1	0	1	2	0	0	0	0	0	0	0	0	0	0	4	1-10	3
10:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4-13	2
11:00	2	0	2	2	1	0	0	0	0	0	0	0	0	0	7	1-10	5
12 PM	5	0	2	0	0	0	0	0	0	0	0	0	0	0	7	*	7
13:00	0	0	2	2	1	0	0	0	0	0	0	0	0	0	5	4-13	5
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	22	0	13	12	5	0	0	0	0	0	0	0	0	0	52		
Percent	42.3%	0.0%	25.0%	23.1%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		06:00	08:00	03:00												08:00
Vol.	11		2	3	1												16
PM Peak	12:00		12:00	13:00	13:00												12:00
Vol.	5		2	2	1												7
Total	69	3	53	62	16	6	2	0	0	0	0	0	0	0	211		
Percent	32.7%	1.4%	25.1%	29.4%	7.6%	2.8%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 2 MPH
 50th Percentile : 8 MPH
 85th Percentile : 12 MPH
 95th Percentile : 15 MPH

Stats
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 146
 Percent in Pace : 69.2%
 Number of Vehicles > 10 MPH : 65
 Percent of Vehicles > 10 MPH : 30.8%
 Mean Speed(Average) : 8 MPH

**City of Bloomington
Engineering Department**

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Westbound																		
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace	
4/12/11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
13:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	*	4	
14:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	2	
15:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1	
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
18:00	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4	*	4	
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
20:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1-10	1	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
Total	9	0	3	1	0	0	0	0	0	0	0	0	0	0	13			
Percent	69.2%	0.0%	23.1%	7.7%	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		13:00	20:00													13:00	
	3		2	1													4	

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Engineering Department**

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812-349-3417

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
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East West Alley West of S. Washington St
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Latitude: 0' 0.000 Undefined

Westbound																	
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/13/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
10:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*	6
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
12 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1-10	1
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
15:00	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4	*	3
16:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	2
17:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
19:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
20:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1-10	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	18	0	0	2	1	0	0	0	0	0	0	0	0	0	21		
Percent	85.7%	0.0%	0.0%	9.5%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00														10:00		
Vol.	6														6		
PM Peak	15:00			12:00	15:00										15:00		
Vol.	3			1	1										4		

City of Bloomington Engineering Department

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Westbound																	
Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/14/11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1-10	1
09:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
12 PM	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	*	4
13:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	7	0	0	1	0	8											
Percent	87.5%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	01:00			08:00													
Vol.	1			1													
PM Peak	12:00																
Vol.	4																
Total	34	0	3	4	1	0	42										
Percent	81.0%	0.0%	7.1%	9.5%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 1 MPH
50th Percentile : 2 MPH
85th Percentile : 8 MPH
95th Percentile : 11 MPH

Stats
10 MPH Pace Speed : 1-10 MPH
Number in Pace : 39
Percent in Pace : 92.9%
Number of Vehicles > 10 MPH : 3
Percent of Vehicles > 10 MPH : 7.1%
Mean Speed(Average) : 4 MPH

**City of Bloomington
Engineering Department**

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/12/11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	2	0	3	2	1	0	0	0	0	0	0	0	0	0	8	1-10	6
13:00	5	0	5	3	0	1	0	0	0	0	0	0	0	0	14	1-10	11
14:00	2	0	2	4	0	1	0	0	0	0	0	0	0	0	9	7-16	7
15:00	4	0	5	3	1	0	0	0	0	0	0	0	0	0	13	1-10	10
16:00	3	0	4	4	0	1	0	0	0	0	0	0	0	0	12	1-10	9
17:00	2	0	3	0	0	0	0	0	0	0	0	0	0	0	5	*	5
18:00	4	0	3	1	1	0	0	0	0	0	0	0	0	0	9	*	7
19:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	4-13	3
20:00	1	0	0	3	0	0	0	0	0	0	0	0	0	0	4	3-12	3
21:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	*	1
22:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	7-16	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	24	1	25	22	4	4	1	0	0	0	0	0	0	0	81		
Percent	29.6%	1.2%	30.9%	27.2%	4.9%	4.9%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

AM Peak Vol.	13:00	19:00	13:00	14:00	12:00	13:00	21:00	13:00
PM Peak Vol.	5	1	5	4	1	1	1	14

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

For: Traffic Commission
 Counted By: PK
 Weather: Warm, sunny

Site Code: q43119
 Station ID: SN:022895
 East West Alley West of S. Washington St
 North of E. Grimes Ln.
 Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	1	4	7	10	13	16	19	22	25	28	31	34	37	40	Total	Pace Speed	Number in Pace
4/14/11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	*	1
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	2
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	4-13	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1-10	1
06:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	*	2
07:00	1	0	0	2	1	0	0	0	0	0	0	0	0	0	4	4-13	3
08:00	11	0	2	4	0	0	0	0	0	0	0	0	0	0	17	1-10	15
09:00	2	0	1	2	0	0	0	0	0	0	0	0	0	0	5	1-10	4
10:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4-13	2
11:00	2	0	2	2	1	0	0	0	0	0	0	0	0	0	7	1-10	5
12 PM	9	0	2	0	0	0	0	0	0	0	0	0	0	0	11	*	11
13:00	1	0	2	2	1	0	0	0	0	0	0	0	0	0	6	4-13	5
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	29	0	13	13	5	0	60										
Percent	48.3%	0.0%	21.7%	21.7%	8.3%	0.0%											
AM Peak	08:00		06:00	08:00	03:00												08:00
Vol.	11		2	4	1												17
PM Peak	12:00		12:00	13:00	13:00												12:00
Vol.	9		2	2	1												11
Total	103	3	56	66	17	6	2	0	253								
Percent	40.7%	1.2%	22.1%	26.1%	6.7%	2.4%	0.8%	0.0%									

15th Percentile : 2 MPH
 50th Percentile : 8 MPH
 85th Percentile : 12 MPH
 95th Percentile : 14 MPH

Stats
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 184
 Percent in Pace : 72.7%
 Number of Vehicles > 10 MPH : 69
 Percent of Vehicles > 10 MPH : 27.3%
 Mean Speed(Average) : 7 MPH

**City of Bloomington
Engineering Department**

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

For: Traffic Commission
Counted By: PK
Weather: Warm, sunny

Site Code: q43119
Station ID: SN:022895
East West Alley West of S. Washington St
North of E. Grimes Ln.
Latitude: 0' 0.000 Undefined

Eastbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
4/12/11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	3	1	0	1	0	0	1	0	0	0	0	0	1	7
13:00	0	7	0	0	0	0	0	0	0	0	0	0	0	3	10
14:00	0	3	4	0	0	0	0	0	0	0	0	0	0	0	7
15:00	0	6	2	0	1	0	0	0	0	0	0	0	0	3	12
16:00	0	7	2	0	0	0	0	0	0	0	0	0	0	3	12
17:00	0	3	0	0	0	0	0	0	0	0	0	0	0	2	5
18:00	0	4	0	0	0	0	0	0	0	0	0	0	0	1	5
19:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	1	3
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	37	13	0	2	0	0	1	0	0	0	0	0	15	68
Percent	0.0%	54.4%	19.1%	0.0%	2.9%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	22.1%	

AM Peak Vol.															
PM Peak Vol.		13:00	14:00		12:00			12:00						13:00	15:00
		7	4		1			1						3	12

City of Bloomington
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For: Traffic Commission
 Counted By: PK
 Weather: Warm, sunny

Site Code: q43119
 Station ID: SN:022895
 East West Alley West of S. Washington St
 North of E. Grimes Ln.
 Latitude: 0' 0.000 Undefined

Eastbound, Westbound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
4/12/11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	3	1	0	1	0	0	1	0	0	0	0	0	2	8
13:00	0	8	0	0	0	0	0	0	0	0	0	0	0	6	14
14:00	0	3	4	0	0	0	0	0	0	0	0	0	0	2	9
15:00	0	6	2	0	1	0	0	0	0	0	0	0	0	4	13
16:00	0	7	2	0	0	0	0	0	0	0	0	0	0	3	12
17:00	0	3	0	0	0	0	0	0	0	0	0	0	0	2	5
18:00	0	5	0	0	0	0	0	0	0	0	0	0	0	4	9
19:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	1	4
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	40	13	0	2	0	0	1	0	0	0	0	0	25	81
Percent	0.0%	49.4%	16.0%	0.0%	2.5%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	30.9%	

AM Peak Vol.	13:00	14:00	12:00	12:00	13:00	13:00
PM Peak Vol.	8	4	1	1	6	14



City of Bloomington
Public Works Department
Engineering Division

TRAFFIC COMMISSION STAFF REPORT

Meeting Date: May 25, 2011

Subject: One Way Alley Request

Report: The City of Bloomington Engineering Department received a request initiated by Ian Woolen to change the current east/west alley to a westbound only alley. The alley is located just north of Grimes Lane, and between Walnut Street and Washington Street.

The Engineering Division conducted a traffic study of the intersection which included traffic counts (volume, classification, and speed), and review of any existing accidents that were reported to the Bloomington Police Department over the past 3 years.

Traffic counts provided during the April Traffic Commission meeting revealed that Annual Average Daily Traffic (A.A.D.T.) for this alley is 109 vehicles per day, with 94 vehicles travelling eastbound (with a 85% speed of 12m.p.h.), and 15 vehicles (with an 85% speed of 8 m.p.h.) travelling westbound.

Currently 86.2% of the vehicles travel eastbound which would be the opposite direction of the request.

The April Traffic Commission meeting discussion was tabled to allow time for review of Planning Case SP-83-98 which in 1998 and 1999 discussed construction of the car wash and parking lot areas. While the alley is mentioned in the file, it is discussed as a 'safety valve' for the site, and also comments on the approved plan being the 'least intrusive on the neighborhood' with regard to the traffic flow. A further mention is the Fire Department's approval of the "access plan with regard to safety and accessibility".

Recommendations: With the low volume of traffic in this alley, no speeding (above 15 m.p.h.), no accident data, and after a review of the Plan Commission case information, we recommend denial of this request.