AGENDA
PUBLIC SAFETY & WELFARE COMMITTEE MEETING
Kenosha Municipal Building - Room 204
Monday, December 10, 2012 - 5:00 pm

Chairman:	**Rocco J. LaMacchia, Sr**	**Vice Chairman:**	**Chris Schwartz**
Alderperson:	**Anthony Kennedy**	**Alderperson:**	**Michael J. Orth**
Alderperson:	**Kevin E. Mathewson**		

Call to Order
Roll Call

A. APPROVAL OF MINUTES

A-1 Approval of the minutes of the meeting held on November 26, 2012.

B. DEFERRAL

B-1. Aldermanic Request for 4-Way Stop Signs at the following Intersections:
- 35th Ave & 70th St
- 36th Ave & 70th St

(District 8) (Deferred from the 10/8/12 meeting)

C. REFERRED TO COMMITTEE

C-1 Police Request to Relocate Adult Crossing Guard from 65th Street and 18th Avenue to 65th Street and 17th Avenue.

C-2 Proposed Ordinance - To Repeal and Recreate Subsection 7.129 C. *(of the Code of General Ordinances)* to Allow for Exceptions to Certain Parking Restrictions.

C-3 Reschedule December 31, 2012 meeting.

DISCUSSION ITEM:
1. Bullen School Crossing Report

CITIZEN COMMENTS/ALDERMEN COMMENTS/OTHER BUSINESS AS AUTHORIZED BY LAW

IF YOU ARE DISABLED AND NEED ASSISTANCE, PLEASE CALL 653-4050 BEFORE THIS MEETING

NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE MEMBERS OF THE COMMON COUNCIL MAY BE PRESENT AT THE MEETING, AND ALTHOUGH THIS MAY CONSTITUTE A QUORUM OF THE COMMON COUNCIL, THE COUNCIL WILL NOT TAKE ANY ACTION AT THIS MEETING.

PUBLIC SAFETY & WELFARE COMMITTEE
Minutes of Meeting held Monday, November 26, 2012

A meeting of the Public Safety & Welfare Committee was held on Monday, November 26, 2012 in Room 204 of the Kenosha Municipal Building. The meeting was called to order at 6:00 pm by Chairman LaMacchia.

At roll call, the following members were present: Alderpersons Schwartz and Kennedy. Alderperson Orth and Alderperson Mathewson were excused. Staff members in attendance were Michael Lemens, Director of Public Works; Shelly Billingsley, Director of Engineering; Clement Abongwa, Assistant City Engineer; Alderperson Steve Bostrom, Alderperson Eric Haugaard, and Alderperson Tod Ohnstad.

It was moved by Alderperson Kennedy, seconded by Alderperson Schwartz, to approve the minutes from the meeting held on Monday, October 29, 2012. Motion carried unanimously.

C-1. Previous trial to Replace Westbound and Eastbound a Yield Signs with Stop Signs on 69th Street at 5th Avenue. *(District 3) (Staff recommends approval)*
Staff/Alderperson: Clement Abongwa spoke.
It was moved by Alderperson Kennedy, seconded by Alderperson Schwartz, to approve. Motion carried unanimously.

C-2. Aldermanic Request Westbound and Eastbound Yield Signs with Stop Signs at 79th Street and 15th Avenue and 79th Street and 16th Avenue. *(District 12) (Staff recommends approval 90-day trial)*
Staff/Alderperson: Clement Abongwa reported that consistent with Ordinance he issued the necessary work orders. Alderperson Bostrom spoke.
It was moved by Alderperson Schwartz, seconded by Alderperson Kennedy, to approve. Motion carried unanimously.

C-3. Aldermanic Request for the Installation of Additional School Zone Signs on 14th Avenue between 71st Street and 73rd Street. *(District 12)*
Staff/Alderperson: Alderperson Bostrom spoke.
Photos were handed out. It was moved by Alderperson Kennedy, seconded by Alderperson Schwartz, to receive and file. Motion carried unanimously.

DISCUSSION ITEMS:

1. Washington Road Railroad Bridge – Michael Lemens, Alderperson Haugaard and Alderperson Ohnstad spoke.

ADJOURNMENT - There being no further business to come before the Public Safety & Welfare Committee, it was moved, seconded and unanimously carried to adjourn at 6:26 pm.

Engineering Division
Shelly Billingsley, P.E.
Director/City Engineer
Fleet Maintenance
Mauro Lenci
Superintendent
Parks Division
Jeff Warnock
Superintendent

Street Division
John H. Prijic
Superintendent
Waste Division
Rocky Bednar
Superintendent

DEPARTMENT OF PUBLIC WORKS
Michael M. Lemens, P.E., Director

Municipal Building · 625 52nd ST · RM 305 · Kenosha, WI 53140
Telephone (262) 653-4050 · Fax (262) 653-4056

December 10, 2012

To: Rocco J. LaMacchia, Sr, Chairman
Public Safety and Welfare

From: Shelly Billingsley, P.E. SB
Director of Engineering

Subject: ***Aldermanic Request for 4-way Stop Signs at the following Intersections:***

- ***70th Street and 36th Avenue***
- ***70th Street and 35th Avenue***

BACKGROUND INFORMATION

Per the recommendations of the 45-day deferral on October 10, 2012, staff conducted a complete 4-way STOP sign analysis and observed that both intersections did not meet the warrants for a 4-way STOP sign.

RECOMMENDATION

Staff does not recommend 4-way STOP signs at the said intersections.

Cc: Alderperson Kevin Mathewson, District 8
Michael Lemens, Director of Public Works
Clement Abongwa, Assistant City Engineer

Existing Signage near the 70th Street and 35th Avenue & the 70th Street and 36th Avenue Intersections

1 inch = 120 feet

Map Printed: 10/3/2012

THIS MAP IS NEITHER A LEGALLY RECORDED MAP NOR A SURVEY AND IS NOT INTENDED TO BE USED AS ONE. THIS DRAWING IS A COMPILATION OF RECORDS, DATA AND INFORMATION LOCATED IN VARIOUS STATE, COUNTY AND MUNICIPAL OFFICES AND OTHER SOURCES AFFECTING THE AREA SHOWN AND IS TO BE USED FOR REFERENCE PURPOSES ONLY. KENOSHA COUNTY IS NOT RESPONSIBLE FOR ANY INACCURACIES HEREIN CONTAINED. IF DISCREPANCIES ARE FOUND, PLEASE CONTACT THE LAND INFORMATION DIVISION OF THE DEPARTMENT OF PLANNING AND DEVELOPMENT.

Kenosha County Interactive Mapping Site

Source: Kenosha County Department of Planning and Development

C-1

Kenosha Police Department
Public Safety Building
1000 – 55th Street
Kenosha, WI 53140-3794
(262) 605-5200

JOHN W. MORRISSEY
Chief of Police

DANIEL G. MISKINIS
Deputy Police Chief

Date: 11/26/12

To: Public Safety & Welfare Committee
Chief of Police John Morrissey
Debra Salas – City Clerk
Mike Lemens – Director of Engineering
Kay Gierl – Crossing Guards
Scott Kennow – Principal Brass Community School

From: Safety Officer Dennis Walsh

RE: Relocating 65th St & 18th Ave.

I have recently spoken with Principal Scott Kennow of Brass Community School reference relocating the crossing guard location at 65th St. & 18th Avenue one block east to 65th St. & 17th Avenue. A cross walk and access ramps to both the north and south side of 65th St at 17th Avenue have been completed.

By moving the Crossing Guard one block east to 17th Ave, we will draw new numbers of crossers that would not have originally walked up to 18th Avenue to cross. The children from 15th and 16th Avenue will now have better access to safe crossing, as will the children who originally would have crossed 18th Avenue across 65th St. The 18th Avenue children will now walk one block east to 17th avenue.

I am looking for authorization for the relocation. Once receiving authorization, the city would need to place two "School Crossing Signs" on either side of 17th Ave on 65th St.. Once that is completed, we would begin the relocation of the School Crossing Guard.

I have spoken to Mr. Kennow that once the relocation is implemented, I would still require him to place student Safety Patrol at 65th St. & 18th Ave. The Safety Patrollers would be instructed to only cross children east and west across 18th Avenue. If children came to the Safety Patroller at 18th Avenue wishing to cross 65th St, the Patroller would redirect them to go back to 17th Avenue to cross 65th St.

Brass Community Elementary School Crosswalks
65th Street and 17th Avenue Intersection

Brass Community Elementary School Crosswalks
65th Street and 17th Avenue Intersection

Brass Community Elementary School Crosswalks
65th Street and 17th Avenue Intersection

ORDINANCE NO. _____

SPONSOR: THE MAYOR

TO REPEAL AND RECREATE SUBSECTION 7.129 C. OF THE CODE OF GENERAL ORDINANCES TO ALLOW FOR EXCEPTIONS TO CERTAIN PARKING RESTRICTIONS

The Common Council of the City of Kenosha, Wisconsin, do ordain as follows:

Section One: Subsection 7.129 C. of the Code of General Ordinances for the City of Kenosha, Wisconsin, is hereby repealed and recreated as follows:.

C. Exception. Subsections B.1. and 2. are subject to the following parking exceptions:

1. One (1) bus, flatbed truck used for towing motor vehicles, flatbed truck on pickup truck body, or tow truck used for a commercial purpose, may be parked on the exterior of any residential property, in excess of one (1) hour, subject to compliance with the special conditions in Subsection D.

2. Any pickup truck, tractor or truck which is rendering service or loading or unloading materials.

3. Non-Commercial Pickup Trucks with clean or covered beds, without advertising or stakes inserted in the sides, or bumpers raised more than twenty-six (26") inches from the street.

4. A motor vehicle registered to a public utility, as that term is defined by Wisconsin Statutes §196.01(5).

Section Two: This Ordinance shall become effective upon passage and publication.

ATTEST: _____ City Clerk

APPROVED: _____Mayor

Passed:

Published:

Drafted By:
EDWARD R. ANTARAMIAN
City Attorney

Discussion #1

Engineering Division
Shelly Billingsley, P.E.
Director/City Engineer
Fleet Maintenance
Mauro Lenci
Superintendent
Parks Division
Jeff Warnock
Superintendent

Street Division
John H. Prijic
Superintendent
Waste Division
Rocky Bednar
Superintendent

DEPARTMENT OF PUBLIC WORKS
Michael M. Lemens, P.E., Director

Municipal Building · 625 52nd ST · RM 305 · Kenosha, WI 53140

December 10, 2012

To: Rocco J. LaMacchia, Sr, Chairman
Public Safety and Welfare Committee

From: Shelly Billingsley, P.E. SB
Director of Engineering

Subject: ***John Bullen Middle School - Crosswalk Study at 39th Avenue and 28th Street Intersection***

BACKGROUND INFORMATION

John Bullen Middle School Administration is requesting for a City assigned crossing guard at the intersection of 39th Avenue and 28th Street. The School Administration believes a crossing guard would improve pedestrian safety at the crosswalk.

At the direction of the Public Safety and Welfare Committee, Staff investigated the pedestrian safety at the said crosswalk and the findings are included in the attached report.

RECOMMENDATION

Staff recommends the following:

- High profile and more frequent Police enforcement. **(Estimated cost unknown)**
- Relocate the southbound bus stop to 60 feet further north of the crosswalk and the northbound bus stop to 60 feet further south of the crosswalk. This would alleviate the potential sight distance concern when the bus is stopped for loading/unloading. **(Estimated cost = $ 300.00)**
- Refresh the retro-reflective epoxy white crosswalk marking to improve crosswalk visibility. Staff also recommends increasing the thickness of the ladder marking to make them bolder and more visible. **(Estimated cost = $ 1,500.00)**
- Install flashing beacons on the crosswalk assembly at the crosswalk. The flashing beacon will be pushbutton activated making them operational at all times of the day and all days of the week. The flashing beacons could alert motorists, improve visibility and safety levels at the crosswalk. **(Estimated cost = $ 3,500.00)**

CC:
Michael Lemens, Director of Public Works
John Morrissey, Chief of Police
Ron Iwen, Director of Transportation
Kim Fischer, Principal John Bullem Middle School
Clement Abongwa, Assistant City Engineer

JOHN BULLEN MIDDLE SCHOOL

CROSSWALK STUDY AT 39th AVENUE AND 28th STREET INTERSECTION

EXECUTIVE SUMMARY

The City of Kenosha has a long-standing policy, Resolution 92-98, that limits the City assigned crossing guard to elementary schools. According to Resolution 92-98, Bullen Middle school is not eligible for a City assigned crossing guard.

The City's investigation of the crosswalk, at the direction of the Public Safety and Welfare committee, identified the following safety concerns:

- At least one auto-pedestrian crash was recorded in the last two years.
- Speeding on 39th Avenue when children are present at the crosswalk.
- Motorist's apparent disregard for reduced speed in the school zone.
- Low gap availability.
- Diminished visibility of pavement markings in the crosswalk.
- A 64% spike in the average daily traffic as compared to traffic volume in 2008. (Some of the increase was due to street closure on 30th Avenue between 18th Street and 12th Street, which was under construction at the time of the study. Traffic study taken after 30th Avenue was reopened to traffic showed a reduction of traffic volume to 2008 level).

In this case and other school zones, staff believes that compliance with the current State statues regarding speed limits in the school zones and pedestrian right-of-way in the crosswalks would sufficiently yield desired results. Absent voluntary compliance by motorists, aggressive police enforcement would be the recommended first course of action for the City of Kenosha. Should that fail to gain compliance, then the following countermeasures would be recommended:

- High profile and more frequent Police enforcement. **(Estimated cost unknown)**
- Relocate the southbound bus stop to 60 feet further north of the crosswalk and the northbound bus stop to 60 feet further south of the crosswalk. This would alleviate the potential sight distance concern when the bus is stopped for loading/unloading. **(Estimated cost = $ 300.00)**
- Refresh the retro-reflective epoxy white crosswalk marking to improve crosswalk visibility. Staff also recommends increasing the thickness of the ladder marking to make them bolder and more visible. **(Estimated cost = $ 1,500.00)**
- Install flashing beacons on the crosswalk assembly at the crosswalk. The flashing beacon will be pushbutton activated making them operational at all times of the day and all days of the week. The flashing beacons could alert motorists, improve visibility and safety levels at the crosswalk. **(Estimated cost = $ 3,500.00)**

BACKGROUND INFORMATION

The Principal of Bullen Middle School approached the City with a request for a City-assigned crossing guard for the crosswalk at 39th Avenue and 28th Street intersection. The school Administration believes that the crossing guard will tremendously improve pedestrian safety at the crosswalk. The City had worked closely with the school in numerous occasions to research, recommend and implement countermeasures to improve traffic safety within the school area. Despite these joint efforts to improve pedestrian safety for students crossing 39th Avenue, the school still experienced at least one auto-pedestrian crash at the crosswalk within the last two years. The School Administration attributes its growing pedestrian safety concerns to the spike in traffic volume, speeding, visibility issues and motorist's disregard of the speed zone on this segment of 39th Avenue. The School Administration also blame the spike in traffic volume to the fact the 39th Avenue now serves as an alternate route to the University of Wisconsin Parkside and a commuter route linking north and south regions of the City. However, staff would like to note that a major parallel north-south route, 30th Avenue was temporarily closed to traffic due to reconstruction. This closure resulted in some of the traffic on 30th Avenue using 39th Avenue until the construction on 30th Avenue was completed. Traffic data collected after 30th Avenue was opened showed significant drop in traffic volume back to 2008 levels.

The School Administration has been and continues to be aggressive to mitigate its pedestrian safety concerns. The school, at the recommendation of City staff, has taken the following measures to improve pedestrian safety at the crosswalk:

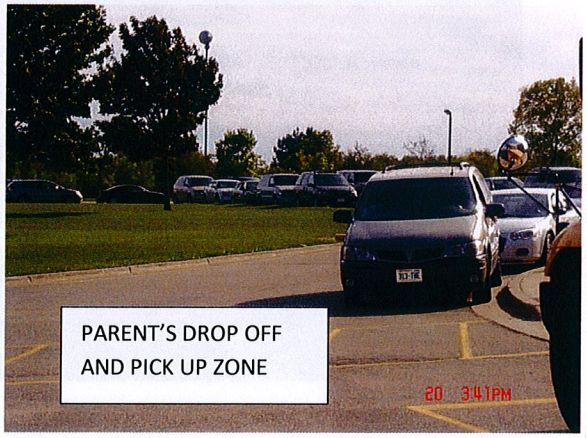
- Redesigned the traffic patterns in the loading zone area for parents to drop off and pickup children within the school property thereby reducing the number of students crossing 39th Avenue. Photo is illustrated in Exhibit A.
- Optimized the loading zone for Transit buses and school buses within school property. Photo is shown in Exhibit A.
- Assigned staff to assist students daily to cross 39th Avenue during dismissal as illustrated in Exhibit B. No staff assistance is available during morning arrival.
- Consistently reminds students to cross 39th Avenue at the crosswalk at 28th Street where a staff member is located to assist students to cross 39th Avenue.
- Directs students towards the crosswalk at the intersection of 39th Avenue and 28th Street.
- Consistently educates both parents and students of the importance to use the designated crosswalk at 39th Avenue and 28th Street intersection.

These measures implemented by the School Administration have been successful in part because these actions have led to a reduction of the average number of students crossing the 39th Avenue to about 70 students at dismissal from a school population of about 875 students. The school administration had succeeded in maintaining a zero auto-pedestrian crash at this crosswalk until last year 2011 when a fast moving car hit and crippled a student in the crosswalk. The school administration also recounted another undocumented auto-pedestrian crash near the crosswalk. A car travelling on 39th Avenue knocked down a student who darted into 39th Avenue from between cars queued up in traffic. The administration noted that during the two auto-pedestrian crashes, there was no staff (volunteer) to assist students to cross 39th Avenue. The School Administration suggested that at least one of the

crashes could have been prevented if a crossing guard was present to assist students crossing 39th Avenue, and accordingly approached the City to request for a City-assigned crossing guard.

According to Resolution 92-98, staff cannot recommend a City assigned crossing guard for middle schools. At the direction of the Public Safety and Welfare Committee, the Department of Public Works investigated the pedestrian safety at the crosswalk at 39th Avenue and 28th Street intersection. This report summarizes the findings of the investigation and proposes recommendations to mitigate the safety concerns.

EXHIBIT A. SCHOOL PROVIDES LOADING ZONE FOR SCHOOL BUSES, TRANSIT BUSES AND PARENTS.



CROSSWALK INVESTIGATION

Staff observed pedestrian activities in the crosswalk at 39th Avenue and 28th Street intersection during morning arrival and afternoon dismissal with the intent to identify and to recommend counter measures to improve the safety of students in the crosswalk. Staff investigated the safety levels in the crosswalk using the physical characteristics of the crosswalk, signage and awareness, average daily traffic and crash history.

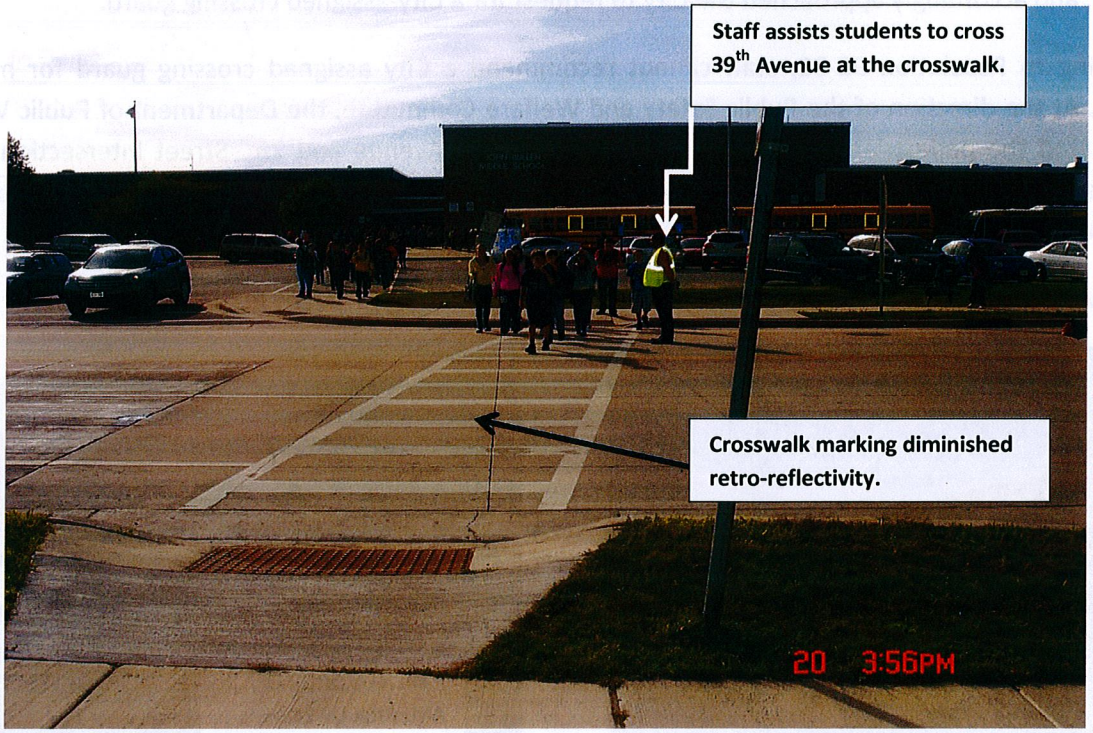
a. Physical Characteristics of the Crosswalk

The crosswalk is 56 feet long and 7 feet wide and located on the south leg of the intersection. 39th Avenue is a 4-lane road with bike lanes on both sides of the street.

Parking is prohibited on both sides of the street. However, there are existing City bus stops located on both sides of the crosswalk. When stopped to load/unload passengers, the City buses can block the line of sight of the pedestrians and approaching motorists. Relocating the bus stop to about 60 feet from the crosswalk could improve the sight distances.

The crosswalk ladder markings are one foot wide with three feet edge spacing and the retro-reflectivity of the pavement marking has diminished slightly since first installed in 2010. The crosswalk visibility could be improved by refreshing the retro-reflective epoxy white paint, increasing the thickness of the ladder from 1 foot to 2 feet and reducing the edge spacing to 2 feet.

EXHIBIT B: CROSSWALK MARKING VISIBILITY



b. Signage and Awareness

Exhibit C illustrates the layout of the existing school zone signage on 39th Avenue adjacent to Bullen middle school. Despite the signage, the most current speed survey indicates that an average of fifty two percent (52%) of motorists do not slow down to 15 miles per hour when children are present as indicated by the signs. On one particular regular school day, a police officer issued tickets to at least three out of every ten cars that drove by because the drivers were driving more than 10 points above posted school zone limits. The motorist's lack of observance of the school zone is one of the main causes of speeding when children are present. Staff believes that vigorous Police enforcement done on a regular basis would effectively reduce speed and improve pedestrians' safety in the school zone.

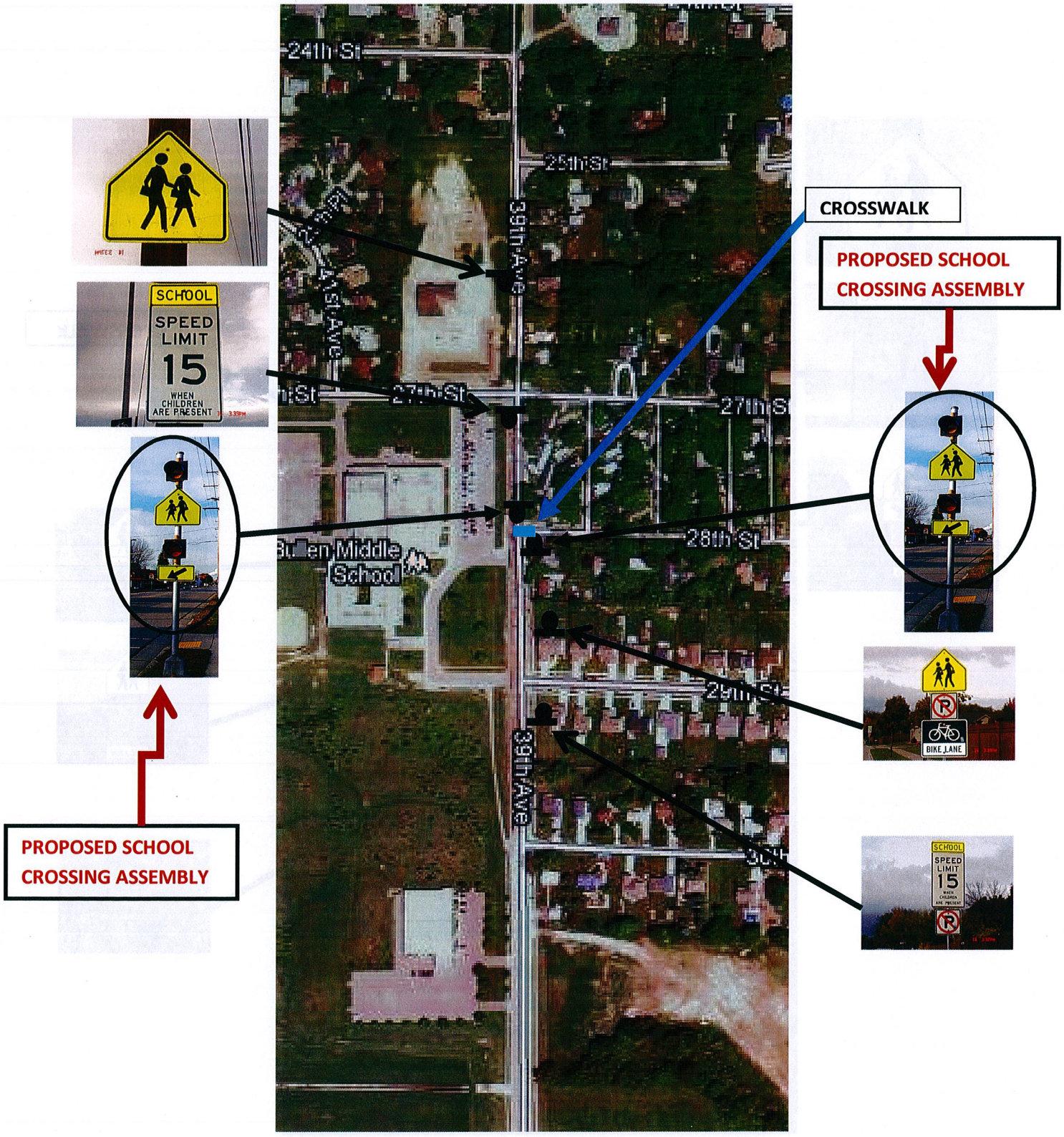
Staff investigated the installation of flashing beacons on the pedestrian crossing signs next to the crosswalk as illustrated in Exhibit D. The flashing beacon would alert the motorists of pedestrian's presence at the crosswalk. If the option of the beacon is considered, the use of a pushbutton to activate the flashing beacon as oppose to a switch, which is the common practice in the City, would be preferred for the following reasons

- There is no assigned crossing guard to turn on and off the flashing beacon.
- The flashing beacon will be available for use at all times of the day and all days of the week.
- Modification of the flashing timing to accommodate daylight saving and early release will not be necessary.

EXHIBIT C: EXISTING SCHOOL ZONE SIGNAGE AT BULLEN MIDDLE SCHOOL

CROSSWALK

EXHIBIT D: PROPOSED SCHOOL ZONE SIGNAGE AT BULLEN MIDDLE SCHOOL



c. Speeding

The traffic data collected in September of 2012 indicates that the average 85th percentile speed is 38 miles per hour. Comparing the 85th percentile speed with the regular posted speed of 35 miles per hour reveals no excessive speeding. However, that is not the case in the school zone with 15 miles per hour posted speed limit. An average of 52% of the motorists is travelling at excessive speed when children are present. Table 1 illustrates the speeding during arrival and dismissal for Bullen Middle School. Bullen Middle School start time is 8:40 AM and the dismissal time is 3:58 PM. Staff study focused on time ranging from 8:00 AM to 9:00 AM and 4:00 PM to 5:00 PM to capture the time when students arrives and leave the school premise. Staff also observed excessive speeding at dismissal during early release time between 12:00 PM and 1:00PM.

TABLE 1: SPEED DATA AT ARRIVAL AND DISMISSAL HOURS

TIME RANGE	SPEED (MPH)				PERCENTAGE ABOVE 35 MPH
	1 TO 35	36 TO 40	41 TO 45	46 TO 50	
8:00 AM TO 9:00 AM	231	171	33	1	47%
12:00PM TO 1:00 PM	61	119	53	8	74%
4:00 PM TO 5:00 PM	258	132	20	1	37%
AVERAGE					**52%**

Despite Police enforcement, the data also showed sporadic excessive speeding greater than 50 MPH at times when children were present. Staff **strongly encourages police** enforcement during arrival and dismissal hours. The speed data are included in the appendix.

d. Average Daily Traffic

Traffic counts of September of 2012 showed an average daily traffic of 10,013 vehicles on this segment of 39th Avenue. This traffic volume highlights a 64% increase in traffic volume when compared to 6,100 vehicles recorded in 2008. This spike in traffic volume could be attributed to:

A. 39th Avenue is being used as commute route that connects the north and south regions of Kenosha and also as an alternate route to Highway 31, especially to students of the University of Wisconsin, Parkside.

B. Bradford High School located to south of Bullen Middle school also generates a considerable amount of the traffic on 39th Avenue.

C. Some of the commuters who typically used 30th Avenue were using 39th Avenue because 30th Avenue was temporarily closed to traffic due to the reconstruction of 30th Avenue between 18th

Street and 12th Street. Data collected in November after 30th Avenue was opened to traffic, showed a reduction of the average daily traffic to 2008 levels.

The traffic data also indicates a relatively low average gap availability of 22% in the morning and 11% in the afternoon. These low gap availabilities pose a challenge for pedestrians to cross a busy 4-lane and 2-bikelane major arterial. The low gap availability is an indication that countermeasures to improve safety at the crosswalk are feasible. The installation of a flashing beacon may alert motorists to the presence of the pedestrian which, by State Statue, requires a motorist to yield to pedestrians in a crosswalk. This should improve the gap availability and hence the safety level at the crosswalk during arrival and dismissal hours.

e. Crash History

At least one pedestrian related crash at the crosswalk was recorded last year and the School Administration also observed an undocumented auto-pedestrian crash. Improving visibility and motorists' traffic compliance and awareness of the presence of pedestrians may help minimize the number of crashes at or near the crosswalk. Refreshing the crosswalk marking may also improve visibility and increase safety levels at the crosswalk.

CONCLUSION AND RECOMMENDATION

The City of Kenosha has a long-standing City policy (Resolution 92-98) that limits assigned crossing guards to only elementary schools. Bullen Middle School is not eligible for a City assigned crossing guard. It is on this premise that staff is recommending the following counter measures that could improve safety within and near the crosswalk at 39th Avenue and 28th Street Intersection.

- High profile and more frequent Police enforcement. (Estimated cost unknown)
- Relocate the southbound bus stop to 60 feet north of the crosswalk and the northbound bus stop to 60 feet south of the crosswalk. This would alleviate the potential sight distances concern when the buses stop to load/unload students. (Estimated cost = $ 300.00)
- Refresh the retro-reflective epoxy white crosswalk marking to improve crosswalk visibility. Increase the thickness of the ladder marking from 1 foot to 2 feet and reduce the edge spacing from 3 feet to 2 feet. (Estimated cost = $ 1,500)
- Install flashing beacons on the crosswalk assembly at the crosswalk. The flashing beacon could alert motorists, improve visibility at the crosswalk, increase gap availability and consequently improving safety levels at the crosswalk. (Estimated cost = $ 3,500.00)

APPENDIX

CITY OF KENOSHA

PUBLIC WORKS ENGINEERING DIVISION

625 52nd Street - Kenosha WI, 53140

Phone: (262) 653-4150 Fax: (262) 653-4056

Bullen Middle School Traffic Gap Study

September 21st, 2012

AVERAGE

Speed Monitor North of Bullen Middle		Speed Monitor South of Bullen Middle	
School Start (7:00 AM - 8:00 AM)		**School Start (7:00 AM - 8:00 AM)**	
Total Study Time	0:59:44	Total Study Time	0:59:56
Total Available Gap	0:13:07	Total Available Gap	0:06:21
% Available Gap	22%	% Available Gap	11%
School End (3:30 PM - 4:30 PM)		**School End (3:30 PM - 4:30 PM)**	
Total Study Time	0:59:56	Total Study Time	0:59:51
Total Available Gap	0:11:39	Total Available Gap	0:06:22
% Available Gap	19%	% Available Gap	11%

Tuesday, September 11th, 2012

Speed Monitor North of Bullen Middle		Speed Monitor South of Bullen Middle	
School Start (7:00 AM - 8:00 AM)		**School Start (7:00 AM - 8:00 AM)**	
Total Study Time	0:59:37	Total Study Time	0:59:56
Total Available Gap	0:13:07	Total Available Gap	0:05:40
% Available Gap	22%	% Available Gap	9%
School End (3:30 PM - 4:30 PM)		**School End (3:30 PM - 4:30 PM)**	
Total Study Time	0:59:56	Total Study Time	0:59:44
Total Available Gap	0:09:44	Total Available Gap	0:07:08
% Available Gap	16%	% Available Gap	12%

Wednesday, Spetember 12, 2012

Speed Monitor North of Bullen Middle		Speed Monitor South of Bullen Middle	
School Start (7:00 AM - 8:00 AM)		**School Start (7:00 AM - 8:00 AM)**	
Total Study Time	0:59:44	Total Study Time	0:59:59
Total Available Gap	0:13:46	Total Available Gap	0:06:02
% Available Gap	23%	% Available Gap	10%
School End (3:30 PM - 4:30 PM)		**School End (3:30 PM - 4:30 PM)**	
Total Study Time	0:59:57	Total Study Time	0:59:53
Total Available Gap	0:14:46	Total Available Gap	0:06:55
% Available Gap	25%	% Available Gap	12%

Thursday, September 13th, 2012

Speed Monitor North of Bullen Middle		Speed Monitor South of Bullen Middle	
School Start (7:00 AM - 8:00 AM)		**School Start (7:00 AM - 8:00 AM)**	
Total Study Time	0:59:51	Total Study Time	0:59:52
Total Available Gap	0:12:27	Total Available Gap	0:07:20
% Available Gap	21%	% Available Gap	12%
School End (3:30 PM - 4:30 PM)		**School End (3:30 PM - 4:30 PM)**	
Total Study Time	0:59:55	Total Study Time	0:59:55
Total Available Gap	0:10:28	Total Available Gap	0:05:04
% Available Gap	17%	% Available Gap	8%

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

VOLUME DATA

Site Code: 00000039
Station ID:
39th AVE south of 30th ST

Latitude: 0' 0.000 Undefined

Start	10-Sep-12		Tue		Wed		Thu		Fri		Weekday Average		Sat		Sun	
Time	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	17	24	25	36	12	22	25	22	14	37	19	28	41	49	47	50
01:00	10	14	10	25	16	11	16	22	16	28	14	20	36	42	16	36
02:00	7	6	6	12	9	12	8	9	19	15	10	11	21	33	30	26
03:00	11	10	14	12	12	14	14	18	15	12	13	13	15	22	16	19
04:00	42	11	42	22	42	13	35	12	35	13	39	14	26	19	13	9
05:00	85	28	103	31	96	34	90	27	104	32	96	30	57	21	27	8
06:00	203	96	218	113	215	104	209	104	180	72	205	98	78	41	40	30
07:00	**468**	362	**491**	377	**480**	348	**489**	377	257	187	**437**	330	145	126	100	45
08:00	421	**416**	439	**419**	416	**394**	442	**401**	198	226	383	**371**	223	156	148	102
09:00	212	245	206	220	222	198	207	239	226	180	215	216	247	185	174	175
10:00	229	237	222	265	201	257	211	222	223	188	217	234	**269**	245	**206**	203
11:00	209	235	230	210	221	230	256	247	**267**	**246**	237	234	261	**255**	200	**206**
12:00 PM	247	238	265	280	280	266	242	258	292	279	265	264	**264**	**289**	**274**	249
01:00	242	244	236	248	236	197	220	220	250	268	237	235	252	267	219	235
02:00	316	311	287	272	289	290	283	290	280	289	291	290	239	262	213	223
03:00	342	**529**	336	**502**	340	**494**	332	546	**365**	378	343	**490**	220	283	214	219
04:00	**400**	412	**393**	409	**399**	418	**411**	**556**	320	**510**	**385**	461	241	235	216	253
05:00	336	432	383	397	379	491	347	426	315	392	352	428	229	269	223	228
06:00	339	323	315	354	314	359	410	408	303	345	336	358	256	241	227	**265**
07:00	234	331	279	387	218	293	184	301	333	294	250	321	212	205	198	211
08:00	161	220	189	246	165	234	139	201	152	184	161	217	121	187	116	175
09:00	121	178	125	202	134	158	110	125	140	161	126	165	109	150	97	113
10:00	66	111	76	106	85	116	116	126	147	257	98	143	83	116	46	80
11:00	28	60	38	49	43	55	61	72	71	99	48	67	103	112	33	51
Total	4746	5073	4928	5194	4824	5008	4857	5229	4522	4692	4777	5038	3748	3810	3093	3211
Day	9819		10122		9832		10086		9214		9815		7558		6304	
AM Peak	07:00	08:00	07:00	08:00	07:00	08:00	07:00	08:00	11:00	11:00	07:00	08:00	10:00	11:00	10:00	11:00
Vol.	468	416	491	419	480	394	489	401	267	246	437	371	269	255	206	206
PM Peak	16:00	15:00	16:00	15:00	16:00	15:00	16:00	16:00	15:00	16:00	16:00	15:00	12:00	12:00	12:00	18:00
Vol.	400	529	393	502	399	494	411	556	365	510	385	490	264	289	274	265

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

Site Code: 00000039
Station ID:
39th AVE so 28th ST

SPEED DATA

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/09/12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	15	34	14	3	0	0	0	0	0	0	0	0	0	0	66	31-40	25
15:00	31	121	**78**	8	**4**	0	0	0	0	0	0	0	0	0	**242**	32-41	101
16:00	43	99	49	8	0	0	0	0	0	0	0	0	0	0	199	30-39	75
17:00	45	121	53	**10**	1	0	0	0	0	0	0	0	0	0	230	30-39	91
18:00	57	97	23	2	0	0	0	0	0	0	0	0	0	0	179	30-39	65
19:00	**63**	**125**	45	1	3	0	0	0	0	0	0	0	0	0	237	30-39	89
20:00	50	66	11	2	1	0	0	0	0	0	0	0	0	0	130	29-38	44
21:00	21	31	11	0	0	0	0	0	0	0	0	0	0	0	63	29-38	22
22:00	22	35	15	2	0	0	0	0	0	0	0	0	0	0	74	31-40	25
23:00	18	18	5	2	0	0	0	0	0	0	0	0	0	0	43	16-25	13
Total	365	747	304	38	9	0	0	0	0	0	0	0	0	0	1463		
Percent	24.9%	51.1%	20.8%	2.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	19:00 63	19:00 125	15:00 78	17:00 10	15:00 4										15:00 242		

Statistics

15th Percentile :	15 MPH
35th Percentile :	24 MPH
50th Percentile :	29 MPH
65th Percentile :	33 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/10/12	8	8	1	0	0	0	0	0	0	0	0	0	0	0	17	31-40	5
01:00	3	4	2	1	0	0	0	0	0	0	0	0	0	0	10	31-40	3
02:00	2	5	0	0	0	0	0	0	0	0	0	0	0	0	7	30-39	3
03:00	4	4	3	0	0	0	0	0	0	0	0	0	0	0	11	32-41	3
04:00	6	20	13	3	0	0	0	0	0	0	0	0	0	0	42	31-40	17
05:00	22	42	16	5	0	0	0	0	0	0	0	0	0	0	85	30-39	31
06:00	65	89	44	4	1	0	0	0	0	0	0	0	0	0	203	30-39	66
07:00	129	**254**	**77**	**8**	0	0	0	0	0	0	0	0	0	0	**468**	30-39	176
08:00	**226**	153	36	4	**2**	0	0	0	0	0	0	0	0	0	421	16-25	139
09:00	51	116	41	4	0	0	0	0	0	0	0	0	0	0	212	31-40	82
10:00	71	113	41	3	1	0	0	0	0	0	0	0	0	0	229	30-39	80
11:00	47	121	38	3	0	0	0	0	0	0	0	0	0	0	209	30-39	85
12 PM	69	124	49	5	0	0	0	0	0	0	0	0	0	0	247	30-39	89
13:00	72	118	46	5	1	0	0	0	0	0	0	0	0	0	242	30-39	84
14:00	106	159	41	6	**3**	**1**	0	0	0	0	0	0	0	0	316	30-39	109
15:00	113	164	56	**9**	0	0	0	0	0	0	0	0	0	0	342	30-39	115
16:00	**218**	130	43	9	0	0	0	0	0	0	0	0	0	0	**400**	16-25	134
17:00	93	**172**	**65**	6	0	0	0	0	0	0	0	0	0	0	336	30-39	122
18:00	115	160	57	7	0	0	0	0	0	0	0	0	0	0	339	29-38	113
19:00	77	121	33	2	0	1	0	0	0	0	0	0	0	0	234	30-39	83
20:00	54	84	20	2	0	1	0	0	0	0	0	0	0	0	161	29-38	57
21:00	53	59	9	0	0	0	0	0	0	0	0	0	0	0	121	27-36	39
22:00	28	30	8	0	0	0	0	0	0	0	0	0	0	0	66	28-37	21
23:00	8	13	7	0	0	0	0	0	0	0	0	0	0	0	28	29-38	10
Total	1640	2263	746	86	8	3	0	0	0	0	0	0	0	0	4746		
Percent	34.6%	47.7%	15.7%	1.8%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	08:00										07:00		
Vol.	226	254	77	8	2										468		
PM Peak	16:00	17:00	17:00	15:00	14:00	14:00									16:00		
Vol.	218	172	65	9	3	1									400		

Statistics	
15th Percentile :	13 MPH
35th Percentile :	21 MPH
50th Percentile :	27 MPH
65th Percentile :	31 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/11/12	8	11	6	0	0	0	0	0	0	0	0	0	0	0	25	31-40	8
01:00	5	4	1	0	0	0	0	0	0	0	0	0	0	0	10	23-32	3
02:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6	19-28	2
03:00	5	7	1	1	0	0	0	0	0	0	0	0	0	0	14	26-35	5
04:00	15	15	9	3	0	0	0	0	0	0	0	0	0	0	42	16-25	12
05:00	27	53	19	4	0	0	0	0	0	0	0	0	0	0	103	30-39	38
06:00	57	118	38	5	0	0	0	0	0	0	0	0	0	0	218	30-39	83
07:00	173	**234**	**72**	**10**	**2**	0	0	0	0	0	0	0	0	0	**491**	29-38	163
08:00	**233**	168	35	2	0	0	0	**1**	0	0	0	0	0	0	439	16-25	144
09:00	56	104	40	4	1	**1**	0	0	0	0	0	0	0	0	206	30-39	75
10:00	76	105	35	5	1	0	0	0	0	0	0	0	0	0	222	29-38	74
11:00	80	107	37	5	1	0	0	0	0	0	0	0	0	0	230	29-38	76
12 PM	74	126	56	8	**1**	0	0	0	0	0	0	0	0	0	265	30-39	92
13:00	116	88	29	3	0	0	0	0	0	0	0	0	0	0	236	17-26	75
14:00	93	145	44	5	0	0	0	0	0	0	0	0	0	0	287	30-39	100
15:00	131	158	43	2	1	**1**	0	0	0	0	0	0	0	0	336	29-38	109
16:00	**216**	143	33	0	1	0	0	0	0	0	0	0	0	0	**393**	16-25	131
17:00	81	**197**	**93**	**11**	1	0	0	0	0	0	0	0	0	0	383	31-40	148
18:00	102	160	50	3	0	0	0	0	0	0	0	0	0	0	315	30-39	110
19:00	113	124	38	3	1	0	0	0	0	0	0	0	0	0	279	29-38	87
20:00	77	87	22	2	1	0	0	0	0	0	0	0	0	0	189	28-37	60
21:00	58	55	12	0	0	0	0	0	0	0	0	0	0	0	125	17-26	39
22:00	26	36	9	5	0	0	0	0	0	0	0	0	0	0	76	30-39	25
23:00	13	16	9	0	0	0	0	0	0	0	0	0	0	0	38	27-36	12
Total	1839	2263	731	81	11	2	0	1	0	0	0	0	0	0	4928		
Percent	37.3%	45.9%	14.8%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	07:00	09:00		08:00							07:00		
Vol.	233	234	72	10	2	1		1							491		
PM Peak	16:00	17:00	17:00	17:00	12:00	15:00									16:00		
Vol.	216	197	93	11	1	1									393		

Statistics		
	15th Percentile :	13 MPH
	35th Percentile :	21 MPH
	50th Percentile :	26 MPH
	65th Percentile :	31 MPH
	85th Percentile :	37 MPH
	95th Percentile :	41 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140

PH: (262) 653-4150

FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/12/12	5	5	2	0	0	0	0	0	0	0	0	0	0	0	12	16-25	4
01:00	7	9	0	0	0	0	0	0	0	0	0	0	0	0	16	28-37	6
02:00	5	4	0	0	0	0	0	0	0	0	0	0	0	0	9	11-20	3
03:00	5	6	1	0	0	0	0	0	0	0	0	0	0	0	12	17-26	4
04:00	14	14	11	3	0	0	0	0	0	0	0	0	0	0	42	18-27	12
05:00	26	57	8	2	**3**	0	0	0	0	0	0	0	0	0	96	30-39	38
06:00	58	104	47	**6**	0	0	0	0	0	0	0	0	0	0	215	30-39	76
07:00	155	**258**	**63**	3	1	0	0	0	0	0	0	0	0	0	**480**	30-39	174
08:00	**233**	147	35	1	0	0	0	0	0	0	0	0	0	0	416	16-25	140
09:00	65	109	43	5	0	0	0	0	0	0	0	0	0	0	222	30-39	78
10:00	73	97	28	3	0	0	0	0	0	0	0	0	0	0	201	29-38	67
11:00	78	102	37	4	0	0	0	0	0	0	0	0	0	0	221	29-38	72
12 PM	83	139	47	8	1	**2**	0	0	0	0	0	0	0	0	280	30-39	99
13:00	63	120	44	9	0	0	0	0	0	0	0	0	0	0	236	30-39	86
14:00	104	135	39	**11**	0	0	0	0	0	0	0	0	0	0	289	29-38	95
15:00	134	157	41	6	**2**	0	0	0	0	0	0	0	0	0	340	29-38	109
16:00	**198**	141	51	5	1	2	**1**	0	0	0	0	0	0	0	**399**	16-25	128
17:00	72	**207**	**90**	10	0	0	0	0	0	0	0	0	0	0	379	31-40	154
18:00	98	149	63	4	0	0	0	0	0	0	0	0	0	0	314	30-39	107
19:00	66	122	27	1	1	1	0	0	0	0	0	0	0	0	218	30-39	82
20:00	54	88	21	1	1	0	0	0	0	0	0	0	0	0	165	30-39	59
21:00	53	54	24	3	0	0	0	0	0	0	0	0	0	0	134	25-34	40
22:00	41	35	9	0	0	0	0	0	0	0	0	0	0	0	85	16-25	27
23:00	19	18	4	2	0	0	0	0	0	0	0	0	0	0	43	21-30	13
Total	1709	2277	735	87	10	5	1	0	0	0	0	0	0	0	4824		
Percent	35.4%	47.2%	15.2%	1.8%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	06:00	05:00										07:00		
Vol.	233	258	63	6	3										480		
PM Peak	16:00	17:00	17:00	14:00	15:00	12:00	16:00								16:00		
Vol.	198	207	90	11	2	2	1								399		

Statistics	
15th Percentile :	13 MPH
35th Percentile :	21 MPH
50th Percentile :	26 MPH
65th Percentile :	31 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140

PH: (262) 653-4150

FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/13/12	7	14	2	2	0	0	0	0	0	0	0	0	0	0	25	30-39	10
01:00	8	6	1	1	0	0	0	0	0	0	0	0	0	0	16	19-28	5
02:00	6	1	1	0	0	0	0	0	0	0	0	0	0	0	8	17-26	3
03:00	5	8	0	1	0	0	0	0	0	0	0	0	0	0	14	30-39	5
04:00	8	19	4	4	0	0	0	0	0	0	0	0	0	0	35	30-39	14
05:00	26	43	15	4	2	0	0	0	0	0	0	0	0	0	90	30-39	31
06:00	55	96	50	**7**	0	**1**	0	0	0	0	0	0	0	0	209	31-40	72
07:00	171	**242**	**64**	7	4	1	0	0	0	0	0	0	0	0	**489**	29-38	166
08:00	**231**	171	33	1	**5**	1	0	0	0	0	0	0	0	0	442	16-25	144
09:00	68	107	27	4	1	0	0	0	0	0	0	0	0	0	207	30-39	73
10:00	65	106	36	4	0	0	0	0	0	0	0	0	0	0	211	30-39	74
11:00	55	133	60	7	1	0	0	0	0	0	0	0	0	0	256	30-39	99
12 PM	61	119	53	**8**	1	0	0	0	0	0	0	0	0	0	242	30-39	88
13:00	55	111	46	7	1	0	0	0	0	0	0	0	0	0	220	30-39	81
14:00	61	153	59	8	**2**	0	0	0	0	0	0	0	0	0	283	31-40	111
15:00	120	164	44	3	1	0	0	0	0	0	0	0	0	0	332	29-38	112
16:00	**258**	132	20	1	0	0	0	0	0	0	0	0	0	0	**411**	15-24	146
17:00	84	171	**85**	6	0	**1**	0	0	0	0	0	0	0	0	347	31-40	127
18:00	121	**217**	67	3	2	0	0	0	0	0	0	0	0	0	410	30-39	150
19:00	55	90	38	1	0	0	0	0	0	0	0	0	0	0	184	30-39	64
20:00	43	73	20	3	0	0	0	0	0	0	0	0	0	0	139	30-39	50
21:00	24	58	26	2	0	0	0	0	0	0	0	0	0	0	110	30-39	43
22:00	26	66	23	1	0	0	0	0	0	0	0	0	0	0	116	30-39	47
23:00	22	30	8	0	0	1	0	0	0	0	0	0	0	0	61	29-38	21
Total	1635	2330	782	85	20	5	0	0	0	0	0	0	0	0	4857		
Percent	33.7%	48.0%	16.1%	1.8%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	06:00	08:00	06:00									07:00		
Vol.	231	242	64	7	5	1									489		
PM Peak	16:00	18:00	17:00	12:00	14:00	17:00									16:00		
Vol.	258	217	85	8	2	1									411		

Statistics	
15th Percentile :	14 MPH
35th Percentile :	22 MPH
50th Percentile :	27 MPH
65th Percentile :	31 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/14/12	6	4	4	0	0	0	0	0	0	0	0	0	0	0	14	20-29	4
01:00	7	8	1	0	0	0	0	0	0	0	0	0	0	0	16	31-40	5
02:00	6	8	4	0	1	0	0	0	0	0	0	0	0	0	19	30-39	6
03:00	4	8	2	1	0	0	0	0	0	0	0	0	0	0	15	29-38	6
04:00	11	16	5	3	0	0	0	0	0	0	0	0	0	0	35	29-38	12
05:00	23	48	25	7	1	0	0	0	0	0	0	0	0	0	104	31-40	37
06:00	35	72	**65**	7	0	**1**	0	0	0	0	0	0	0	0	180	34-43	63
07:00	62	**132**	55	8	0	0	0	0	0	0	0	0	0	0	257	31-40	96
08:00	46	96	51	5	0	0	0	0	0	0	0	0	0	0	198	31-40	73
09:00	59	110	52	5	0	0	0	0	0	0	0	0	0	0	226	30-39	81
10:00	70	94	49	**9**	0	1	0	0	0	0	0	0	0	0	223	29-38	71
11:00	**84**	129	46	6	**2**	0	0	0	0	0	0	0	0	0	**267**	30-39	92
12 PM	74	148	61	9	0	0	0	0	0	0	0	0	0	0	292	30-39	108
13:00	59	120	58	10	**3**	0	0	0	0	0	0	0	0	0	250	30-39	91
14:00	64	143	62	10	1	0	0	0	0	0	0	0	0	0	280	30-39	106
15:00	89	**182**	76	**17**	1	0	0	0	0	0	0	0	0	0	**365**	30-39	134
16:00	61	164	**86**	8	0	0	**1**	0	0	0	0	0	0	0	320	31-40	126
17:00	54	173	73	14	1	0	0	0	0	0	0	0	0	0	315	31-40	131
18:00	90	147	60	5	1	0	0	0	0	0	0	0	0	0	303	30-39	105
19:00	**125**	165	39	1	2	**1**	0	0	0	0	0	0	0	0	333	29-38	112
20:00	50	72	26	3	1	0	0	0	0	0	0	0	0	0	152	30-39	51
21:00	52	65	21	2	0	0	0	0	0	0	0	0	0	0	140	30-39	45
22:00	52	75	18	2	0	0	0	0	0	0	0	0	0	0	147	29-38	51
23:00	18	43	8	2	0	0	0	0	0	0	0	0	0	0	71	29-38	29
Total	1201	2222	947	134	14	3	1	0	0	0	0	0	0	0	4522		
Percent	26.6%	49.1%	20.9%	3.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	07:00	06:00	10:00	11:00	06:00									11:00		
Vol.	84	132	65	9	2	1									267		
PM Peak	19:00	15:00	16:00	15:00	13:00	19:00	16:00								15:00		
Vol.	125	182	86	17	3	1	1								365		

Statistics

15th Percentile :	15 MPH
35th Percentile :	23 MPH
50th Percentile :	29 MPH
65th Percentile :	33 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/15/12	17	21	3	0	0	0	0	0	0	0	0	0	0	0	41	28-37	14
01:00	10	21	4	1	0	0	0	0	0	0	0	0	0	0	36	30-39	14
02:00	12	6	2	1	0	0	0	0	0	0	0	0	0	0	21	18-27	7
03:00	8	7	0	0	0	0	0	0	0	0	0	0	0	0	15	13-22	5
04:00	8	15	3	0	0	0	0	0	0	0	0	0	0	0	26	28-37	10
05:00	18	28	9	2	0	0	0	0	0	0	0	0	0	0	57	29-38	20
06:00	20	32	22	3	**1**	0	0	0	0	0	0	0	0	0	78	32-41	25
07:00	27	77	34	6	1	0	0	0	0	0	0	0	0	0	145	31-40	58
08:00	54	112	50	7	0	0	0	0	0	0	0	0	0	0	223	30-39	83
09:00	69	112	56	**10**	0	0	0	0	0	0	0	0	0	0	247	30-39	84
10:00	66	136	**59**	8	0	0	0	0	0	0	0	0	0	0	**269**	30-39	100
11:00	**71**	**139**	45	6	0	0	0	0	0	0	0	0	0	0	261	30-39	98
12 PM	**69**	136	47	**10**	1	**1**	0	0	0	0	0	0	0	0	**264**	30-39	98
13:00	49	140	52	7	**4**	0	0	0	0	0	0	0	0	0	252	31-40	103
14:00	60	127	40	8	4	0	0	0	0	0	0	0	0	0	239	30-39	91
15:00	56	113	41	7	3	0	0	0	0	0	0	0	0	0	220	30-39	82
16:00	49	132	**55**	4	1	0	0	0	0	0	0	0	0	0	241	30-39	97
17:00	50	116	54	7	2	0	0	0	0	0	0	0	0	0	229	30-39	87
18:00	54	**141**	54	7	0	0	0	0	0	0	0	0	0	0	256	31-40	102
19:00	64	119	25	4	0	0	0	0	0	0	0	0	0	0	212	30-39	80
20:00	38	56	26	1	0	0	0	0	0	0	0	0	0	0	121	30-39	41
21:00	39	46	21	3	0	0	0	0	0	0	0	0	0	0	109	29-38	34
22:00	31	33	17	2	0	0	0	0	0	0	0	0	0	0	83	28-37	25
23:00	38	41	23	1	0	0	0	0	0	0	0	0	0	0	103	28-37	31
Total	977	1906	742	105	17	1	0	0	0	0	0	0	0	0	3748		
Percent	26.1%	50.9%	19.8%	2.8%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	09:00	06:00										10:00		
Vol.	71	139	59	10	1										269		
PM Peak	12:00	18:00	16:00	12:00	13:00	12:00									12:00		
Vol.	69	141	55	10	4	1									264		

Statistics	
15th Percentile :	15 MPH
35th Percentile :	24 MPH
50th Percentile :	29 MPH
65th Percentile :	33 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

SB

Latitude: 0' 0.000 Undefined

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/16/12	23	20	4	0	0	0	0	0	0	0	0	0	0	0	47	15-24	15
01:00	4	6	6	0	0	0	0	0	0	0	0	0	0	0	16	35-44	5
02:00	10	15	5	0	0	0	0	0	0	0	0	0	0	0	30	31-40	10
03:00	5	9	2	0	0	0	0	0	0	0	0	0	0	0	16	26-35	6
04:00	2	8	3	0	0	0	0	0	0	0	0	0	0	0	13	29-38	6
05:00	9	14	4	0	0	0	0	0	0	0	0	0	0	0	27	30-39	10
06:00	11	20	8	1	0	0	0	0	0	0	0	0	0	0	40	31-40	14
07:00	26	57	16	1	0	0	0	0	0	0	0	0	0	0	100	30-39	39
08:00	38	81	24	1	4	0	0	0	0	0	0	0	0	0	148	30-39	57
09:00	48	80	41	4	1	0	0	0	0	0	0	0	0	0	174	30-39	60
10:00	55	107	40	2	1	1	0	0	0	0	0	0	0	0	206	30-39	76
11:00	53	106	38	3	0	0	0	0	0	0	0	0	0	0	200	30-39	75
12 PM	63	147	60	3	1	0	0	0	0	0	0	0	0	0	274	31-40	106
13:00	53	128	30	8	0	0	0	0	0	0	0	0	0	0	219	30-39	88
14:00	62	106	39	5	1	0	0	0	0	0	0	0	0	0	213	30-39	76
15:00	60	96	47	10	1	0	0	0	0	0	0	0	0	0	214	30-39	72
16:00	50	119	43	4	0	0	0	0	0	0	0	0	0	0	216	30-39	85
17:00	54	121	41	6	1	0	0	0	0	0	0	0	0	0	223	30-39	86
18:00	65	118	38	5	1	0	0	0	0	0	0	0	0	0	227	30-39	83
19:00	80	90	28	0	0	0	0	0	0	0	0	0	0	0	198	29-38	62
20:00	34	60	18	3	1	0	0	0	0	0	0	0	0	0	116	29-38	42
21:00	34	49	13	1	0	0	0	0	0	0	0	0	0	0	97	30-39	33
22:00	12	23	10	1	0	0	0	0	0	0	0	0	0	0	46	29-38	17
23:00	12	13	7	1	0	0	0	0	0	0	0	0	0	0	33	22-31	10
Total	863	1593	565	59	12	1	0	0	0	0	0	0	0	0	3093		
Percent	27.9%	51.5%	18.3%	1.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	09:00	09:00	08:00	10:00									10:00		
Vol.	55	107	41	4	4	1									206		
PM Peak	19:00	12:00	12:00	15:00	12:00										12:00		
Vol.	80	147	60	10	1										274		

Statistics

15th Percentile :	15 MPH
35th Percentile :	23 MPH
50th Percentile :	28 MPH
65th Percentile :	33 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140

PH: (262) 653-4150

FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

SB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/17/12	7	14	2	0	0	0	0	0	0	0	0	0	0	0	23	30-39	9
01:00	1	3	2	0	0	0	0	0	0	0	0	0	0	0	6	36-45	2
02:00	3	8	1	0	0	0	0	0	0	0	0	0	0	0	12	31-40	5
03:00	4	8	2	0	0	0	0	0	0	0	0	0	0	0	14	32-41	5
04:00	16	14	13	1	0	0	0	0	0	0	0	0	0	0	44	23-32	12
05:00	18	48	24	2	**2**	0	0	0	0	0	0	0	0	0	94	30-39	37
06:00	**70**	**114**	**32**	**7**	0	0	0	0	0	0	0	0	0	0	**223**	29-38	79
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	119	209	76	10	2	0	0	0	0	0	0	0	0	0	416		
Percent	28.6%	50.2%	18.3%	2.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	06:00	06:00	06:00	05:00										06:00		
Vol.	70	114	32	7	2										223		
PM Peak																	
Vol.																	

Statistics

15th Percentile :	14 MPH
35th Percentile :	23 MPH
50th Percentile :	28 MPH
65th Percentile :	32 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

Total	10348	15810	5628	685	103	20	2	1	0	0	0	0	0	0	32597	
Percent	31.7%	48.5%	17.3%	2.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

15th Percentile :	14 MPH
50th Percentile :	27 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH

Stats

10 MPH Pace Speed :	30-39 MPH
Number in Pace :	11178
Percent in Pace :	34.3%
Number of Vehicles > 55 MPH :	13

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/09/12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	16	15	29	4	0	0	0	0	0	0	0	0	0	0	64	35-44	20
15:00	40	99	**92**	**28**	1	0	0	0	0	0	0	0	0	0	**260**	34-43	94
16:00	39	103	82	10	2	0	0	0	0	0	0	0	0	0	236	32-41	89
17:00	44	80	81	18	**6**	0	0	0	0	0	0	0	0	0	229	34-43	76
18:00	30	74	58	22	4	0	0	0	0	0	0	0	0	0	188	33-42	66
19:00	54	**122**	67	10	0	0	0	0	0	0	0	0	0	0	253	31-40	94
20:00	**69**	72	32	4	1	**1**	0	0	0	0	0	0	0	0	179	29-38	53
21:00	21	47	21	5	0	0	0	0	0	0	0	0	0	0	94	31-40	35
22:00	16	30	16	3	0	0	**1**	0	0	0	0	0	0	0	66	31-40	23
23:00	15	24	15	1	0	0	0	0	0	0	0	0	0	0	55	32-41	18
Total	344	666	493	105	14	1	1	0	0	0	0	0	0	0	1624		
Percent	21.2%	41.0%	30.4%	6.5%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	20:00 69	19:00 122	15:00 92	15:00 28	17:00 6	20:00 1	22:00 1								15:00 260		

Statistics

15th Percentile :	16 MPH
35th Percentile :	25 MPH
50th Percentile :	30 MPH
65th Percentile :	35 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
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SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/10/12	7	11	5	1	0	0	0	0	0	0	0	0	0	0	24	31-40	8
01:00	3	7	3	1	0	0	0	0	0	0	0	0	0	0	14	33-42	5
02:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0	6	9-18	2
03:00	3	5	1	1	0	0	0	0	0	0	0	0	0	0	10	29-38	4
04:00	4	2	3	2	0	0	0	0	0	0	0	0	0	0	11	19-28	3
05:00	12	7	7	1	1	0	0	0	0	0	0	0	0	0	28	14-23	9
06:00	40	31	24	1	0	0	0	0	0	0	0	0	0	0	96	16-25	29
07:00	168	118	56	**19**	1	0	0	0	0	0	0	0	0	0	362	17-26	113
08:00	**210**	**143**	54	9	0	0	0	0	0	0	0	0	0	0	**416**	16-25	135
09:00	62	104	62	15	1	0	0	0	**1**	0	0	0	0	0	245	30-39	82
10:00	65	91	**64**	14	2	**1**	0	0	0	0	0	0	0	0	237	31-40	73
11:00	66	94	60	9	**5**	1	0	0	0	0	0	0	0	0	235	29-38	74
12 PM	40	93	86	14	**4**	0	**1**	0	0	0	0	0	0	0	238	34-43	86
13:00	50	97	78	15	4	0	0	0	0	0	0	0	0	0	244	32-41	83
14:00	61	126	93	26	3	**2**	0	0	0	0	0	0	0	0	311	31-40	107
15:00	**184**	**217**	99	25	4	0	0	0	0	0	0	0	0	0	**529**	29-38	162
16:00	158	150	88	12	3	0	1	0	0	0	0	0	0	0	412	18-27	119
17:00	79	187	**137**	26	3	0	0	0	0	0	0	0	0	0	432	32-41	157
18:00	67	133	87	**31**	4	1	0	0	0	0	0	0	0	0	323	31-40	110
19:00	85	147	81	18	0	0	0	0	0	0	0	0	0	0	331	30-39	113
20:00	75	95	41	7	1	0	0	0	**1**	0	0	0	0	0	220	29-38	70
21:00	60	85	27	4	2	0	0	0	0	0	0	0	0	0	178	29-38	60
22:00	28	48	32	3	0	0	0	0	0	0	0	0	0	0	111	31-40	38
23:00	10	23	19	6	1	1	0	0	0	0	0	0	0	0	60	31-40	21
Total	1540	2016	1208	260	39	6	2	0	2	0	0	0	0	0	5073		
Percent	30.4%	39.7%	23.8%	5.1%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	10:00	07:00	11:00	10:00			09:00						08:00		
Vol.	210	143	64	19	5	1			1						416		
PM Peak	15:00	15:00	17:00	18:00	12:00	14:00	12:00		20:00						15:00		
Vol.	184	217	137	31	4	2	1		1						529		

Statistics

15th Percentile : 14 MPH
35th Percentile : 22 MPH
50th Percentile : 27 MPH
65th Percentile : 32 MPH
85th Percentile : 39 MPH
95th Percentile : 43 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/11/12	7	15	10	4	0	0	0	0	0	0	0	0	0	0	36	31-40	13
01:00	7	10	6	2	0	0	0	0	0	0	0	0	0	0	25	27-36	8
02:00	3	3	6	0	0	0	0	0	0	0	0	0	0	0	12	34-43	4
03:00	4	5	2	1	0	0	0	0	0	0	0	0	0	0	12	24-33	4
04:00	12	6	3	1	0	0	0	0	0	0	0	0	0	0	22	19-28	7
05:00	3	15	10	2	1	0	0	0	0	0	0	0	0	0	31	33-42	13
06:00	30	43	28	11	1	0	0	0	0	0	0	0	0	0	113	29-38	35
07:00	141	149	68	15	3	1	0	0	0	0	0	0	0	0	377	29-38	112
08:00	**197**	**150**	62	7	2	1	0	0	0	0	0	0	0	0	**419**	17-26	131
09:00	47	76	68	21	**7**	0	**1**	0	0	0	0	0	0	0	220	34-43	68
10:00	71	94	**73**	**24**	1	**2**	0	0	0	0	0	0	0	0	265	32-41	78
11:00	45	95	53	13	2	1	1	0	0	0	0	0	0	0	210	31-40	75
12 PM	68	101	89	17	5	0	0	0	0	0	0	0	0	0	280	32-41	87
13:00	68	97	58	21	1	2	0	**1**	0	0	0	0	0	0	248	30-39	77
14:00	73	93	84	19	3	0	0	0	0	0	0	0	0	0	272	33-42	79
15:00	**179**	**178**	120	21	4	0	0	0	0	0	0	0	0	0	**502**	25-34	141
16:00	164	151	83	10	1	0	0	0	0	0	0	0	0	0	409	18-27	120
17:00	62	153	**144**	**28**	**9**	1	0	0	0	0	0	0	0	0	397	34-43	145
18:00	64	150	109	19	7	**5**	0	0	0	0	0	0	0	0	354	32-41	127
19:00	120	159	89	17	2	0	0	0	0	0	0	0	0	0	387	30-39	121
20:00	85	111	42	7	1	0	0	0	0	0	0	0	0	0	246	29-38	80
21:00	56	85	50	10	1	0	0	0	0	0	0	0	0	0	202	30-39	66
22:00	27	50	27	1	1	0	0	0	0	0	0	0	0	0	106	30-39	38
23:00	13	20	15	1	0	0	0	0	0	0	0	0	0	0	49	29-38	16
Total	1546	2009	1299	272	52	13	2	1	0	0	0	0	0	0	5194		
Percent	29.8%	38.7%	25.0%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	10:00	10:00	09:00	10:00	09:00								08:00		
Vol.	197	150	73	24	7	2	1								419		
PM Peak	15:00	15:00	17:00	17:00	17:00	18:00		13:00							15:00		
Vol.	179	178	144	28	9	5		1							502		

Statistics

15th Percentile :	14 MPH
35th Percentile :	22 MPH
50th Percentile :	27 MPH
65th Percentile :	33 MPH
85th Percentile :	39 MPH
95th Percentile :	44 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/12/12	4	11	7	0	0	0	0	0	0	0	0	0	0	0	22	30-39	9
01:00	5	5	1	0	0	0	0	0	0	0	0	0	0	0	11	32-41	3
02:00	2	5	4	0	0	**1**	0	0	0	0	0	0	0	0	12	36-45	4
03:00	4	7	3	0	0	0	0	0	0	0	0	0	0	0	14	30-39	5
04:00	3	5	5	0	0	0	0	0	0	0	0	0	0	0	13	36-45	4
05:00	9	14	9	1	**1**	0	0	0	0	0	0	0	0	0	34	31-40	11
06:00	37	38	22	5	1	1	0	0	0	0	0	0	0	0	104	25-34	30
07:00	149	123	65	10	1	0	0	0	0	0	0	0	0	0	348	17-26	105
08:00	**176**	**140**	67	11	0	0	0	0	0	0	0	0	0	0	**394**	17-26	121
09:00	46	78	63	10	1	0	0	0	0	0	0	0	0	0	198	31-40	65
10:00	62	102	**72**	20	1	0	0	0	0	0	0	0	0	0	257	31-40	83
11:00	49	83	69	**28**	1	0	0	0	0	0	0	0	0	0	230	32-41	73
12 PM	55	101	83	23	**4**	0	0	0	0	0	0	0	0	0	266	32-41	88
13:00	37	81	62	12	2	**2**	**1**	0	0	0	0	0	0	0	197	32-41	69
14:00	63	116	81	25	4	1	0	0	0	0	0	0	0	0	290	32-41	96
15:00	146	**211**	113	23	1	0	0	0	0	0	0	0	0	0	**494**	30-39	160
16:00	**164**	151	86	14	2	0	0	0	0	**1**	0	0	0	0	418	18-27	122
17:00	95	189	**160**	**45**	2	0	0	0	0	0	0	0	0	0	491	33-42	166
18:00	91	132	109	23	2	2	0	0	0	0	0	0	0	0	359	32-41	110
19:00	86	116	79	11	1	0	0	0	0	0	0	0	0	0	293	30-39	91
20:00	73	111	44	6	0	0	0	0	0	0	0	0	0	0	234	30-39	80
21:00	45	69	35	8	1	0	0	0	0	0	0	0	0	0	158	30-39	52
22:00	34	48	28	5	0	0	0	**1**	0	0	0	0	0	0	116	29-38	37
23:00	12	31	10	2	0	0	0	0	0	0	0	0	0	0	55	31-40	22
Total	1447	1967	1277	282	25	7	1	1	0	1	0	0	0	0	5008		
Percent	28.9%	39.3%	25.5%	5.6%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	10:00	11:00	05:00	02:00									08:00		
Vol.	176	140	72	28	1	1									394		
PM Peak	16:00	15:00	17:00	17:00	12:00	13:00	13:00	22:00		16:00					15:00		
Vol.	164	211	160	45	4	2	1	1		1					494		

Statistics

15th Percentile : 14 MPH
35th Percentile : 22 MPH
50th Percentile : 28 MPH
65th Percentile : 33 MPH
85th Percentile : 39 MPH
95th Percentile : 44 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/13/12	5	10	5	2	0	0	0	0	0	0	0	0	0	0	22	29-38	8
01:00	6	8	5	3	0	0	0	0	0	0	0	0	0	0	22	29-38	7
02:00	2	5	2	0	0	0	0	0	0	0	0	0	0	0	9	29-38	4
03:00	2	9	6	1	0	0	0	0	0	0	0	0	0	0	18	31-40	8
04:00	5	7	0	0	0	0	0	0	0	0	0	0	0	0	12	31-40	4
05:00	11	7	8	1	0	0	0	0	0	0	0	0	0	0	27	17-26	8
06:00	37	34	30	3	0	0	0	0	0	0	0	0	0	0	104	19-28	29
07:00	170	**141**	55	11	0	0	0	0	0	0	0	0	0	0	377	17-26	116
08:00	**205**	125	59	10	2	0	0	0	0	0	0	0	0	0	**401**	16-25	131
09:00	56	95	66	**20**	1	**1**	0	0	0	0	0	0	0	0	239	30-39	78
10:00	47	83	**77**	14	1	0	0	0	0	0	0	0	0	0	222	34-43	74
11:00	44	113	74	12	**4**	0	0	0	0	0	0	0	0	0	247	32-41	93
12 PM	59	119	60	19	1	0	0	0	0	0	0	0	0	0	258	30-39	92
13:00	51	86	70	12	1	0	0	0	0	0	0	0	0	0	220	31-40	72
14:00	77	101	91	18	**2**	**1**	0	0	0	0	0	0	0	0	290	31-40	86
15:00	257	192	87	8	2	0	0	0	0	0	0	0	0	0	546	17-26	171
16:00	**277**	**206**	61	9	2	1	0	0	0	0	0	0	0	0	**556**	17-26	178
17:00	116	198	91	**20**	1	0	0	0	0	0	0	0	0	0	426	30-39	147
18:00	130	165	**96**	15	2	0	0	0	0	0	0	0	0	0	408	29-38	126
19:00	105	125	58	13	0	0	0	0	0	0	0	0	0	0	301	29-38	93
20:00	70	87	40	3	1	0	0	0	0	0	0	0	0	0	201	30-39	63
21:00	45	55	22	3	0	0	0	0	0	0	0	0	0	0	125	29-38	40
22:00	39	55	26	6	0	0	0	0	0	0	0	0	0	0	126	29-38	41
23:00	17	30	22	2	1	0	0	0	0	0	0	0	0	0	72	32-41	24
Total	1833	2056	1111	205	21	3	0	0	0	0	0	0	0	0	5229		
Percent	35.1%	39.3%	21.2%	3.9%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	10:00	09:00	11:00	09:00									08:00		
Vol.	205	141	77	20	4	1									401		
PM Peak	16:00	16:00	18:00	17:00	14:00	14:00									16:00		
Vol.	277	206	96	20	2	1									556		

Statistics

15th Percentile :	13 MPH
35th Percentile :	21 MPH
50th Percentile :	26 MPH
65th Percentile :	31 MPH
85th Percentile :	38 MPH
95th Percentile :	42 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/14/12	5	16	10	3	**3**	0	0	0	0	0	0	0	0	0	37	30-39	14
01:00	12	10	5	1	0	0	0	0	0	0	0	0	0	0	28	24-33	8
02:00	1	5	7	2	0	0	0	0	0	0	0	0	0	0	15	35-44	7
03:00	3	5	3	1	0	0	0	0	0	0	0	0	0	0	12	25-34	4
04:00	2	8	3	0	0	0	0	0	0	0	0	0	0	0	13	29-38	6
05:00	5	11	11	4	1	0	0	0	0	0	0	0	0	0	32	32-41	11
06:00	14	32	20	6	0	0	0	0	0	0	0	0	0	0	72	31-40	26
07:00	43	70	56	**15**	3	0	0	0	0	0	0	0	0	0	187	33-42	59
08:00	**53**	75	**84**	13	1	0	0	0	0	0	0	0	0	0	226	35-44	71
09:00	45	67	54	10	3	**1**	0	0	0	0	0	0	0	0	180	30-39	56
10:00	50	79	45	12	2	0	0	0	0	0	0	0	0	0	188	30-39	62
11:00	53	**113**	63	14	3	0	0	0	0	0	0	0	0	0	**246**	31-40	89
12 PM	62	117	71	24	4	**1**	0	0	0	0	0	0	0	0	279	31-40	95
13:00	66	116	71	14	1	0	0	0	0	0	0	0	0	0	268	30-39	91
14:00	66	122	76	22	2	1	0	0	0	0	0	0	0	0	289	31-40	98
15:00	77	157	110	33	1	0	0	0	0	0	0	0	0	0	378	32-41	130
16:00	**95**	**231**	**156**	22	**6**	0	0	0	0	0	0	0	0	0	**510**	31-40	189
17:00	66	152	130	**38**	5	1	0	0	0	0	0	0	0	0	392	33-42	138
18:00	65	165	94	21	0	0	0	0	0	0	0	0	0	0	345	31-40	131
19:00	65	132	89	6	2	0	0	0	0	0	0	0	0	0	294	31-40	105
20:00	48	91	39	5	1	0	0	0	0	0	0	0	0	0	184	30-39	67
21:00	41	81	35	4	0	0	0	0	0	0	0	0	0	0	161	30-39	59
22:00	86	96	61	12	1	0	**1**	0	0	0	0	0	0	0	257	29-38	75
23:00	38	37	15	8	1	0	0	0	0	0	0	0	0	0	99	17-26	29
Total	1061	1988	1308	290	40	4	1	0	0	0	0	0	0	0	4692		
Percent	22.6%	42.4%	27.9%	6.2%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	11:00	08:00	07:00	00:00	09:00									11:00		
Vol.	53	113	84	15	3	1									246		
PM Peak	16:00	16:00	16:00	17:00	16:00	12:00	22:00								16:00		
Vol.	95	231	156	38	6	1	1								510		

Statistics

15th Percentile :	15 MPH
35th Percentile :	24 MPH
50th Percentile :	30 MPH
65th Percentile :	34 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140

PH: (262) 653-4150

FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/15/12	9	28	10	1	0	**1**	0	0	0	0	0	0	0	0	49	32-41	20
01:00	10	19	11	2	0	0	0	0	0	0	0	0	0	0	42	30-39	15
02:00	9	11	11	2	0	0	0	0	0	0	0	0	0	0	33	32-41	10
03:00	9	8	4	1	0	0	0	0	0	0	0	0	0	0	22	17-26	7
04:00	10	4	5	0	0	0	0	0	0	0	0	0	0	0	19	18-27	6
05:00	7	8	6	0	0	0	0	0	0	0	0	0	0	0	21	33-42	6
06:00	6	21	10	3	1	0	0	0	0	0	0	0	0	0	41	30-39	17
07:00	20	54	36	**14**	2	0	0	0	0	0	0	0	0	0	126	32-41	46
08:00	29	57	57	11	1	1	0	0	0	0	0	0	0	0	156	34-43	54
09:00	41	71	57	11	**4**	0	**1**	0	0	0	0	0	0	0	185	33-42	60
10:00	43	105	**83**	12	2	0	0	0	0	0	0	0	0	0	245	32-41	90
11:00	**54**	**108**	83	8	2	0	0	0	0	0	0	0	0	0	**255**	32-41	89
12 PM	54	**130**	75	25	4	0	**1**	0	0	0	0	0	0	0	**289**	31-40	106
13:00	44	94	91	33	4	0	0	0	0	0	0	0	0	**1**	267	34-43	91
14:00	47	84	89	**37**	4	1	0	0	0	0	0	0	0	0	262	35-44	85
15:00	56	102	**93**	28	2	**2**	0	0	0	0	0	0	0	0	283	34-43	93
16:00	31	90	90	19	5	0	0	0	0	0	0	0	0	0	235	34-43	90
17:00	45	101	82	34	**7**	0	0	0	0	0	0	0	0	0	269	33-42	92
18:00	45	94	73	24	4	1	0	0	0	0	0	0	0	0	241	32-41	82
19:00	48	86	58	12	0	1	0	0	0	0	0	0	0	0	205	31-40	69
20:00	**57**	93	29	8	0	0	0	0	0	0	0	0	0	0	187	30-39	66
21:00	43	67	28	11	0	1	0	0	0	0	0	0	0	0	150	30-39	50
22:00	30	48	32	5	1	0	0	0	0	0	0	0	0	0	116	30-39	38
23:00	25	56	25	6	0	0	0	0	0	0	0	0	0	0	112	30-39	42
Total	772	1539	1138	307	43	8	2	0	0	0	0	0	0	1	3810		
Percent	20.3%	40.4%	29.9%	8.1%	1.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	07:00	09:00	00:00	09:00								11:00		
Vol.	54	108	83	14	4	1	1								255		
PM Peak	20:00	12:00	15:00	14:00	17:00	15:00	12:00							13:00	12:00		
Vol.	57	130	93	37	7	2	1							1	289		

Statistics	
15th Percentile :	16 MPH
35th Percentile :	25 MPH
50th Percentile :	30 MPH
65th Percentile :	35 MPH
85th Percentile :	41 MPH
95th Percentile :	45 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140
PH: (262) 653-4150
FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/16/12	17	23	9	1	0	0	0	0	0	0	0	0	0	0	50	31-40	16
01:00	10	17	8	1	0	0	0	0	0	0	0	0	0	0	36	30-39	13
02:00	3	15	7	1	0	0	0	0	0	0	0	0	0	0	26	30-39	12
03:00	6	7	4	0	1	**1**	0	0	0	0	0	0	0	0	19	28-37	6
04:00	2	5	1	1	0	0	0	0	0	0	0	0	0	0	9	29-38	4
05:00	6	1	0	1	0	0	0	0	0	0	0	0	0	0	8	17-26	3
06:00	8	13	7	1	1	0	0	0	0	0	0	0	0	0	30	28-37	10
07:00	9	9	19	7	0	1	0	0	0	0	0	0	0	0	45	37-46	15
08:00	11	48	30	9	**4**	0	0	0	0	0	0	0	0	0	102	31-40	42
09:00	32	68	56	15	4	0	0	0	0	0	0	0	0	0	175	33-42	60
10:00	**44**	74	**65**	**16**	3	0	0	0	**1**	0	0	0	0	0	203	32-41	65
11:00	41	**90**	62	12	1	0	0	0	0	0	0	0	0	0	**206**	31-40	74
12 PM	50	92	76	29	2	0	0	0	0	0	0	0	0	0	249	32-41	81
13:00	40	79	**97**	17	2	0	0	0	0	0	0	0	0	0	235	35-44	84
14:00	52	80	68	22	1	0	0	0	0	0	0	0	0	0	223	32-41	69
15:00	36	83	81	15	2	**2**	0	0	0	0	0	0	0	0	219	34-43	79
16:00	26	94	88	**38**	**7**	0	0	0	0	0	0	0	0	0	253	34-43	96
17:00	37	86	83	19	3	0	0	0	0	0	0	0	0	0	228	34-43	82
18:00	41	**103**	92	27	2	0	0	0	0	0	0	0	0	0	**265**	34-43	96
19:00	44	92	61	12	1	1	0	0	0	0	0	0	0	0	211	31-40	75
20:00	**57**	74	34	10	0	0	0	0	0	0	0	0	0	0	175	30-39	55
21:00	35	49	26	2	1	0	0	0	0	0	0	0	0	0	113	30-39	37
22:00	21	29	25	5	0	0	0	0	0	0	0	0	0	0	80	34-43	24
23:00	10	28	10	3	0	0	0	0	0	0	0	0	0	0	51	30-39	21
Total	638	1259	1009	264	35	5	0	0	1	0	0	0	0	0	3211		
Percent	19.9%	39.2%	31.4%	8.2%	1.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	11:00	10:00	10:00	08:00	03:00			10:00						11:00		
Vol.	44	90	65	16	4	1			1						206		
PM Peak	20:00	18:00	13:00	16:00	16:00	15:00									18:00		
Vol.	57	103	97	38	7	2									265		

Statistics

15th Percentile :	16 MPH
35th Percentile :	25 MPH
50th Percentile :	31 MPH
65th Percentile :	35 MPH
85th Percentile :	41 MPH
95th Percentile :	45 MPH

DEPARTMENT OF PUBLIC WORKS - CITY OF KENOSHA

625 52nd STREET ROOM 305 KENOSHA, WI 53140

PH: (262) 653-4150

FAX: (262) 653-4056

SPEED DATA

Site Code: 00000039
Station ID:
39th AVE so 28th ST

Latitude: 0' 0.000 Undefined

NB

Start Time	1 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 999	Total	Pace Speed	Number in Pace
09/17/12	15	16	8	2	**1**	0	0	0	0	0	0	0	0	0	42	30-39	12
01:00	4	5	3	0	0	0	0	0	0	0	0	0	0	0	12	24-33	4
02:00	5	6	1	0	0	0	0	0	0	0	0	0	0	0	12	17-26	4
03:00	2	3	2	0	0	0	0	0	0	0	0	0	0	0	7	35-44	2
04:00	3	3	3	1	0	**1**	0	0	**1**	0	0	0	0	0	12	12-21	3
05:00	8	10	7	0	0	0	0	0	0	0	0	0	0	0	25	28-37	8
06:00	**34**	**38**	**27**	**6**	1	0	0	0	0	0	0	0	0	0	**106**	31-40	30
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	71	81	51	9	2	1	0	0	1	0	0	0	0	0	216		
Percent	32.9%	37.5%	23.6%	4.2%	0.9%	0.5%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	06:00	06:00	06:00	06:00	00:00	04:00			04:00						06:00		
Vol.	34	38	27	6	1	1			1						106		
PM Peak																	
Vol.																	

Statistics

15th Percentile :	13 MPH
35th Percentile :	21 MPH
50th Percentile :	26 MPH
65th Percentile :	31 MPH
85th Percentile :	38 MPH
95th Percentile :	43 MPH

Total	9252	13581	8894	1994	271	48	9	2	4	1	0	0	0	1	34057		
Percent	27.2%	39.9%	26.1%	5.9%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile :	14 MPH
50th Percentile :	28 MPH
85th Percentile :	39 MPH
95th Percentile :	44 MPH

Stats

10 MPH Pace Speed :	30-39 MPH
Number in Pace :	10775
Percent in Pace :	31.6%
Number of Vehicles > 55 MPH :	38

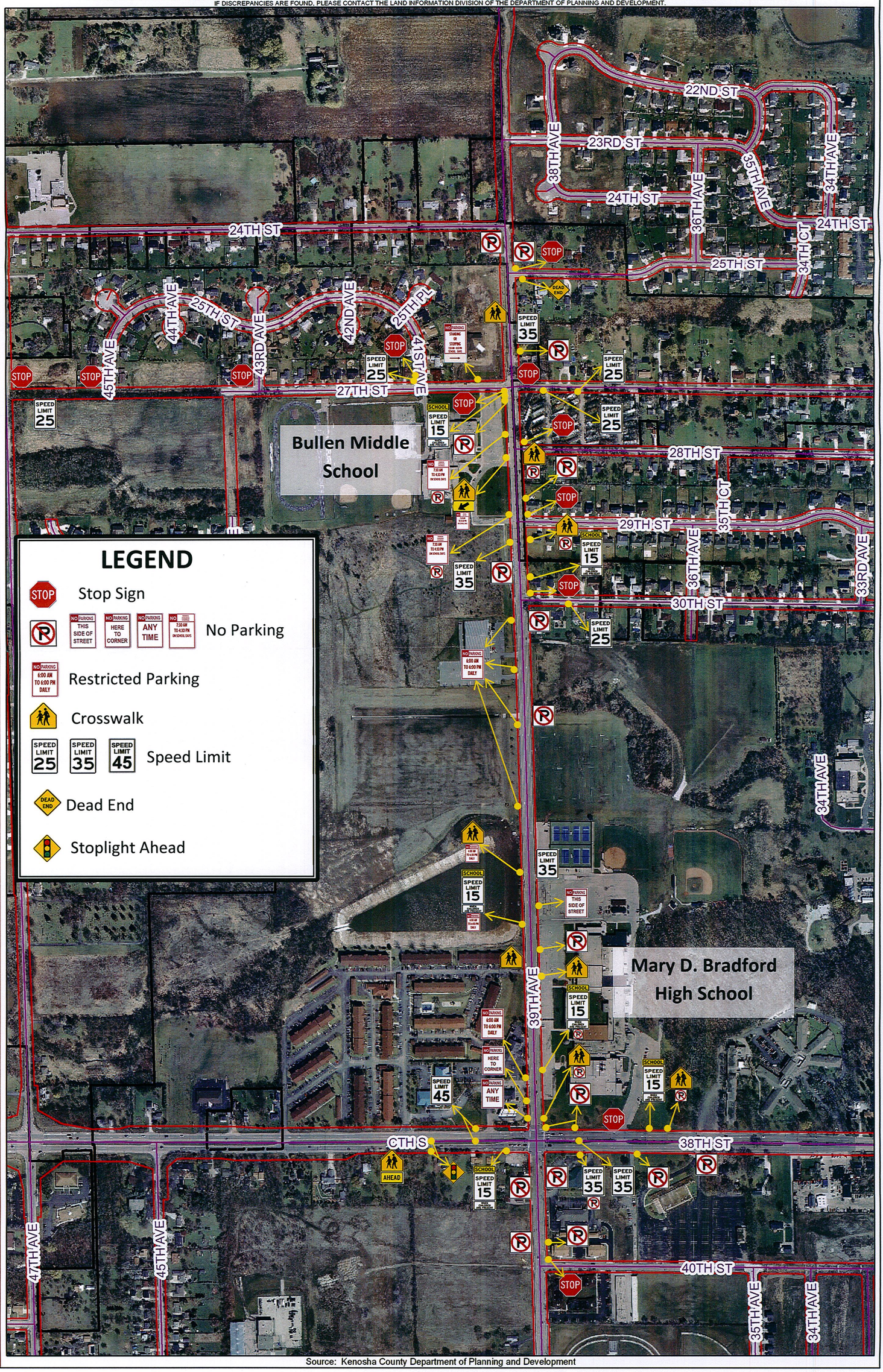
EXISTING SIGNS NEAR BULLEN MIDDLE SCHOOL

1 inch = 480 feet

Map Printed: 8/20/2012

THIS MAP IS NEITHER A LEGALLY RECORDED MAP NOR A SURVEY AND IS NOT INTENDED TO BE USED AS ONE. THIS DRAWING IS A COMPILATION OF RECORDS, DATA AND INFORMATION LOCATED IN VARIOUS STATE, COUNTY AND MUNICIPAL OFFICES AND OTHER SOURCES AFFECTING THE AREA SHOWN AND IS TO BE USED FOR REFERENCE PURPOSES ONLY. KENOSHA COUNTY IS NOT RESPONSIBLE FOR ANY INACCURACIES HEREIN CONTAINED. IF DISCREPANCIES ARE FOUND, PLEASE CONTACT THE LAND INFORMATION DIVISION OF THE DEPARTMENT OF PLANNING AND DEVELOPMENT.

Kenosha County Interactive Mapping Site



Source: Kenosha County Department of Planning and Development