



**Prospect
Heights**

**CITY COUNCIL SPECIAL MEETING
AGENDA**

September 23, 2014

6:30 p.m.

City Hall

Prospect Heights, IL 60070

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PLEDGE OF ALLEGIANCE – Treasurer Tibbits**
- IV. INVOCATION – Reverend Thomas Kim of the Korean Central United Methodist Church**
- V. CLOSED SESSION**
- VI. RESIDENTS COMMENTS (Agenda Matters)**
- VII. STAFF AND ELECTED OFFICIALS REPORTS**
 - Interim City Administrator Balling
 - Department Directors
 - Treasurers Report
 - Alderman
 - Mayor
- VIII. ADOPTION OF CONSENT AGENDA - All items listed on the Consent Agenda are considered to be routine by the City Council and will be enacted by one motion. There will be no separate discussion of these items unless an Alderman or citizen so requests, in which event the item will be removed from the general order of business and considered under the Approval of Exceptions.**
 - A. Approval of the Regular Meeting Minutes of August 25, 2014
 - B. Approval of City Council Regular Workshop Minutes of September 8, 2014
 - C. Approval of the Resolution for Public Works to sell 1997 Cronkite and 1989 Homemade Trailer
 - D. Approval for the P.W. to purchase 12 vehicle radios from Alpha Prime Communications
 - E. Approval to amend Resolution 14-04 regarding the Ad Hoc Natural Resources Commission and consenting to certain appointments to the Commission
- IX. NEW BUSINESS**
 - F. Report on the Electronic Recycling – Management Analyst Kim Trausch (Discussion)
 - G. Recycling Program Contract (waiver of 1st reading)
 - H. Resolution to rescind Ordinance no. 0-10-19 Restricted Parking Zone on Marberry Dr.
 - I. Approval to proceed with recommended maintenance (2014-2015 budget) for the three non-regulated bridges

X. APPROVAL OF EXPENDITURES

J. Approval of Warrants

General Fund	\$221,087.17
MFT Fund	\$0.00
Palatine/Milwaukee TIF	\$7,772.85
Tourism District	\$114,574.68
Development Fund	\$0.00
DEA Fund	\$0.00
Solid Waste Fund	\$0.00
SS Area #1	\$0.00
SS Area #2	\$0.00
SS Area #3	\$0.00
SS Area #4	\$0.00
SS Area #5	\$157.08
SS Area #8 – Levee Wall #37	\$0.00
SS Area-Constr #6 (Water Main)	\$0.00
SS Area- Debt #6	\$0.00
Road Construction	\$0.00
Road Construction Debt	\$0.00
Water Fund	\$21,168.70
Parking Fund	\$549.48
Road/Building Bond Escrow	\$0.00
TOTAL Expenditures	\$368,949.00
9/5/14 Payroll	\$123,348.31
9/19/14 Payroll	\$132,563.05
9/18/14 Police Pension Payment	\$23,041.64
August IMRF	\$16,552.51
TOTAL WARRANT	\$664,454.51

XI. RESIDENTS COMMENTS (Non Agenda Matters)

XII. UNFINISHED BUSINESS

XIII. OLD BUSINESS

- K. Review progress to date on establishing tax financing districts in City to promote economic development (Mayor)
- L. Identify policy leader from Council to fully utilize the elements of the City of Prospect Height's New Comprehensive Plan (Mayor)
- M. Resolution for Discussion and Direction for PZBA to conduct public hearing sub-area plan for property adjacent to Sanders Rd. (Mayor / Steve Skiber)
- N. Presentation of Elm Road traffic study (Dunne)

XIV. ADJOURNMENT

POSTED: by Deputy Clerk Schultheis

**This meeting will be televised on the following Prospect Heights Cable Channels:
Comcast and WOW Channel 17 and AT&T U-verse Channel 99**

Call of Special Meeting of City Council

Date: September 19, 2014

To: City Council

**CC: Stacey Adamson, City Clerk
Karen Schultheis, Deputy Clerk
William Balling, Interim City Administrator**

Pursuant to Section 1-5-2.B.2 of the Prospect Heights City Code, the Mayor of the City of Prospect Heights, hereby calls a special meeting of the City Council of the City of Prospect Heights. Notice is given hereby to the Mayor and Aldermen that a special meeting will be held on **September 23, 2014 at 6:30 p.m. in the City Hall Council Chambers at Prospect Heights City Hall**, 8 N. Elmhurst Road, Prospect Heights, Illinois 60070, to act on city business which would have been addressed at the regular meeting of the council of September 22, which has been canceled. The Clerk and/or Interim City Administrator are instructed to prepare an agenda and post all required notices.

/s/ Nicholas J. Helmer

Mayor



C

City Council Special Meeting

Meeting Date: September 23, 2014
Item: Item C, Resolution for the Sale of two Public Works vehicles
Staff Contact: William Balling, Interim Administrator

Purpose:

The purpose is to get s resolution for the sale of Public Works vehicles at auction next month.

Financial Impact:

Revenue from sale.

Recommendation:

It is my recommendation to approve the resolutions at the September 23, 2014 City Council Special Meeting.

Enclosures:

- Title for 1997 Cronkite
- Title for 1989 Homemade trailer

STATE OF ILLINOIS

CERTIFICATE OF TITLE OF A VEHICLE

MODEL BODY STYLE FLATBED NO. CHL. 97 AFFIC. 97 MAKE CHEVROLET VEHICLE NO.
 TITLE NO. ISSUE DATE 10/15/97 PURCHASE DATE 07/31/97 MOBILE HOME SQ. FT.
 TYPE OF TITLE ORIGINAL

MAILING ADDRESS

CITY OF PROSPECT HEIGHTS
 1 NORTH ELMHURST RD
 PROSPECT HEIGHT IL 60070

LEGEND(S)

MILEAGE NOT
 REQUIRED

OWNER(S) NAME AND ADDRESS
 CITY OF PROSPECT HEIGHTS
 1 NORTH ELMHURST RD
 PROSPECT HEIGHT IL 60070

FIRST LIENHOLDER NAME AND ADDRESS
 SECOND LIENHOLDER NAME AND ADDRESS

RELEASE OF LIEN

The holder of lien on the vehicle described in this Certificate does hereby state that the lien is released and discharged.

Firm Name By Signature of Authorized Agent Date
 Firm Name By Signature of Authorized Agent Date

I, George H. Ryan, Secretary of State of the State of Illinois, do hereby certify that according to the records on file with my Office, the person or entity named hereon is the owner of the vehicle described hereon, which is subject to the above named liens and encumbrances, if any, IN WITNESS WHEREOF, I HAVE HERETO AFFIXED MY SIGNATURE AND THE GREAT SEAL OF THE STATE OF ILLINOIS, AT SPRINGFIELD.



CONTROL NO.

GEORGE H. RYAN, Secretary of State
George H. Ryan



DO NOT ACCEPT TITLE SHOWING ANY ERASURES, ALTERATIONS OR MUTILATIONS.

CERTIFICATE OF TITLE OF A VEHICLE

VEHICLE IDENTIFICATION NO.	YEAR	MAKE	MODEL
	89	HONDA	TRLR
BODY STYLE TRAILER	NO. CYL.	HP/COM	PURCHASE DATE
TITLE NO.	ISSUE DATE 03/01/89	PREVIOUS TITLE NO. LEGAL	PURCHASED MILEAGE DATE
			TYPE OF TITLE ORIGINAL
			ODOMETER UNKNOWN

MAILING ADDRESS
CITY OF PROSPECT HEIGHTS
4 E CAMP MC DONALD RD
PROSPECT HEIGHTS IL 60070

LEGEND(S)

OWNER(S) NAME AND ADDRESS
CITY OF PROSPECT HEIGHTS
4 E CAMP MC DONALD RD
PROSPECT HEIGHTS IL 60070

FIRST LIENHOLDER NAME AND ADDRESS

SECOND LIENHOLDER NAME AND ADDRESS

RELEASE OF LIEN
The holder of Lien on the vehicle described in this Certificate does hereby state that the lien is released and discharged.

By	Signature of Authorized Agent	Date
By	Signature of Authorized Agent	Date

I, Jim Edgar, Secretary of State of the State of Illinois, do hereby certify that according to the records on file with my Office, the person or entity named hereon is the owner of the vehicle described hereon, which is subject to the above named liens and encumbrances, if any, IN WITNESS WHEREOF, I HAVE HERETO AFFIXED MY SIGNATURE AND THE GREAT SEAL OF THE STATE OF ILLINOIS, AT SPRINGFIELD.



CONTROL NO.
Jim Edgar

JIM EDGAR, Secretary of State





D

MEMO

DATE: September 18, 2014
TO: Mr. William Balling, City Administrator
FROM: Steven L. Cutaia, Public Works Director
Re: Vehicle radios

The City of Prospect Heights, Public Works Department- has an established budget to purchase VHF radios for P.W. vehicles.

Currently the department does not have this equipment and these radios would be an asset during day-to-day operations as well as during storm operations. These radios will greatly increase the communication between the fire, police, B&Z, and the Public Works Department.

The base price per unit is \$360.00. The installation range is \$100-150.00 and the accessories range from about \$800.00 to \$1,200.00 depending on what accessory is best for that type of vehicle. Since each vehicle is unique, the exact determination of what accessory to utilize will be determined at the time of installation.

Staff had researched different models and manufactures. Staff recommends purchasing 12 units from Alpha Prime Communications, for the cost not to exceed the budgeted amount of \$7,500.00 (account 01-350-7021).



PROPOSAL

Organization	<u>Prospect Hts Public Works Dept</u>
Contact	<u>Ken Anderson</u>
Address	<u>14 E. Camp McDonald Rd.</u>
City, State	<u>Prospect Hts, IL 60070</u>
Phone #	<u>847-398-5511</u>
Fax #	<u>847-398-6080</u>

Description	Qty.	Unit Cost	Extended
Motorola CM200D Mobile, VHF, 45W, 16CH, Numeric Display Digital Upgradeable Model Includes: Microphone, hang-up clip, power cable, mount bracket, and 2-Years Parts/Labor Warranty Add: Ignition Sense Kit	X 12	360.00	\$ 6,120.00 4,320.00
*Antenna Options (one antenna and cable/mount kit needed per):	X 12	9.00	153.00 108.00
Standard ¼ Wave Antenna		9.00	
Upgrade ¼ Wave Antenna (better roof seal)		15.00	180
Covered Spring ¼ Wave Antenna (better roof seal)		39.00	
Covered Spring 3dB Gain Antenna (better roof seal)		47.00	564
Standard Roof Mount w/17' Cable Kit		16.00	
Thick Roof Mount w/17' Cable Kit		30.00	360
*Estimated installation per vehicle		\$ 100-150	1800.00
Notes: Factory 1-Year Warranty Included for Accessory and Peripheral Items. * Installation time and required antenna varies per vehicle. I will need to look at the vehicles to determine which antennas will be best.			
Prices and specifications are subject to change without notice.			
Prepared by: Andy Kerman Date: 9/10/2014 I hereby accept this proposal: (please sign and print name with title and date above)			

ALPHA PRIME COMMUNICATIONS

1808 Janke Drive, Suite E • Northbrook, IL 60062 • 847-298-4000 • Fax 847-412-0636

Confidential Document

E

**A RESOLUTION AMENDING RESOLUTION 14-04 REGARDING THE
AD HOC NATURAL RESOURCES COMMISSION AND CONSENTING TO CERTAIN
APPOINTMENTS TO THE COMMISSION**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PROSPECT
HEIGHTS, COOK COUNTY, ILLINOIS:**

SECTION ONE: On February 24, 2104, the City Council passed and approved Resolution No. R-14-04, A Resolution Establishing an Ad Hoc Natural Resources Commission ("Commission"), to evaluate natural resources, the city's natural features, environmental issues and "green living".

SECTION TWO: Section 2 of Resolution 14-04 is hereby amended so that the Commission shall be made up of 7 members.

SECTION THREE: The Mayor's appointment of Colleen Gaudins and Dana Sievertson to the commission is hereby approved.

SECTION FOUR: All other provisions contained in Resolution No. R-14-04 remain in full force and effect.

PASSED AND APPROVED this ____ day of _____, 2014.

Nicholas J. Helmer, Mayor

ATTEST:

City Clerk

AYES:

NAYS:

ABSENT:



F#G

To: Mayor Nicholas J. Helmer and the Prospect Heights City Council

From: Kimberly Trausch

Date: September 23, 2014

Re: Electronics Recycling Program Revisions

The City of Prospect Heights currently has an electronics recycling program available at the Public Works facility. In the past this service was free of charge, and the City would receive rebates after pickups.

Due to the current state of the electronics recycling industry, companies are no longer able to provide this service at no charge. I have researched several companies and have found a few that have provided quotes for the electronic recycling program. (Please see the attached quotes from Vintage Tech, LLC and Universal Recycling Technologies).

One issue that the City is currently dealing with in regards to the E-Waste program is fly dumping. People drop off other materials that are not electronics such as paint, paint thinners, batteries, bags of concrete and other unwanted materials. Another problem with the program is that we cannot control who is using this service. People from the surrounding communities are also recycling their electronics at the Public Works location.

If the City Council decides to eliminate this program, this would save around \$5,000 a year plus Public Works employee's time. The City's residents are always welcome to recycle their electronics through SWANCC at the Glenview Transfer Station which is located at 1151 N. River Road which is approximately 3.5 miles away from Public Works. This is a permanent drop-off location which is open on Saturdays from 9:00 am – 11:30 am.

This is a nice service that we offer our residents, however it is no longer cost effective to the City. The opinion from staff is that we discontinue this program.

I am seeking the opinion of the Mayor and City council to decide on whether or not this program should proceed.

Vintage Tech, LLC

Protecting Your Identity and the Environment



August 8, 2014

City of Prospect Heights
8 North Elmhurst Road
Prospect Heights, IL 60070

Re: Electronics Recycling Services

Vintage Tech Recyclers would like to thank you for your continued partnership in recycling your electronics responsibly.

As the economics of the electronics recycling industry have changed, we are notifying you of a revision in our pricing to continue servicing your electronics recycling needs. Effective September 1, 2014 through January 31, 2015, pricing on your current collection site (excluding collection events) will transition to the following;

Recycling Service Fees	
E-Scrap Collection Services:	Permanent Collection Site
Transportation Cost	\$225.00
Monitors (cost per pound)	\$0.14
Televisions (cost per pound)	\$0.14
One Day Collection Events	Call For Pricing

We value your business and understand that this may present itself as an inconvenience. As you evaluate your recycling program, it is important to carefully consider your options to ensure responsible recycling.

Should you have any questions regarding the changes in the program, please feel free to contact me at any time.

Sincerely,

Seth Smith-Director of Sales
815.931.8318
Vintage Tech, LLC



Company Address 2535 Beloit Ave
Janesville, WI 53546
US

Phone (877) 278-0799

Fax (608) 754-3473

Prepared By Corine Soelk
Address WI

Created Date 9/11/2014

Quote Number 00000111

Expiration Date 10/11/2014

Account Name Prospect Heights Public Works

Contact Name Kimberly Trausch

Phone (847) 398-6070 x214

Email ktrausch@prospect-heights.org

Bill To Name Prospect Heights Public Works

Bill To 401 Piper Lane
Prospect Heights, IL 60070

Ship To Name Prospect Heights Public Works

Product Code	Product	Sales Price	UCM
13000	Computer Monitor Recycling		
11150	Laptop Computers	\$0.10	LBS
49500	PC's Whole Units Only	\$0.00	LBS
16885	Peripherals1	\$0.00	LBS
16890	Peripherals2	\$0.00	LBS
16895	Peripherals3	\$0.00	LBS
12000	Television Set Recycling	\$0.00	LBS
	Transportation	\$0.13	LBS
	Transportation	\$225.00	EACH
	Transportation	\$150.00	EACH

Notes Section

Customer will be responsible for all costs associated with delivery of these items unless otherwise agreed.

Above prices are costs to customer; anything listed at \$0.00 is no cost.

Logistics Fee: \$225.00 per pickup



#

To: William Balling, City Administrator

From: Anthony J. Kalina, Assistant to the City Administrator

Date: September 18, 2014

Re: Ordinance No. 0-10-19 Marberry Drive Restricted Parking

Issue: Currently, there is restricted parking on Marberry Drive which limits the allotted time to thirty minutes before vehicles may be penalized. It is the opinion of City staff that this is too restrictive, particularly for the Deli 4 You customers. The staff is requesting Council to rescind the thirty minute parking restrictions on Marberry Drive.

Thank You.

7-18-2005, eff. 7-31-2005; Ord. 0-06-26, 7-10-2006; Ord. 0-06-42, 10-30-2006; Ord. 0-08-30, 7-21-2008; Ord. 0-08-46, 12-15-2008, eff. 12-26-2008; Ord. 0-10-35, 10-25-2010, eff. 11-5-2010)

10-8-1-1: RESTRICTED PARKING:

A. Thirty Minute Parking:

Marberry Drive, south side, in the **designated spaces** is restricted to thirty (30) minute parking only. (Ord. 0-10-19, 7-12-2010, eff. 7-23-2010)

10-8-2: PARKING AT CURB OR EDGE OF ROAD: No vehicle shall be parked with the left side of such vehicle next to the curb edge of pavement, except on one-way streets, and it shall be unlawful to stand or park any vehicle in a street other than parallel with the curb or edge of pavement and with the two (2) right wheels of the vehicle within twelve inches (12") of the regularly established curb line or edge of pavement, except that upon those streets that have been marked for angle parking, vehicles shall be parked at the angle to the curb indicated by such marks. (Ord. 0-77-17, 6-7-1977)

10-8-3: PARKING VEHICLES FOR SALE: It shall be unlawful to park any vehicle upon any street for the purpose of displaying it for sale, or to park any vehicle upon any business street from which vehicle merchandise is peddled. (Ord. 0-77-17, 6-7-1977)

10-8-4: LOADING ZONES; CAB AND BUS STANDS:

A. Loading Zones: During the time specified herein, it shall be unlawful for the driver of a vehicle to stand a passenger vehicle for a period of time longer than is necessary for the loading or unloading of passengers, not to exceed three (3) minutes, and for the driver to stand any freight carrying vehicle for a period of time longer than is necessary to load, unload and deliver materials, not to exceed thirty (30) minutes, in any of the following places:

1. In any public alley, during any hour of the day or night.

ORDINANCE NO. O-10-19

AN ORDINANCE DESIGNATING A RESTRICTED PARKING ZONE ON MARBERRY DRIVE, SOUTH SIDE IN DESIGNATED SPACES

WHEREAS, complaints have been received by the City of Prospect Heights all day parking in the designated spaces along the south side of Marberry Drive is detrimental to residents and other patrons of businesses to the north and south of Marberry Drive; and

WHEREAS, the Police have investigated the request and have recommended that a thirty (30) minute restriction in the assigned parking spaces be designated in order to promote the health, safety and welfare of the public;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PROSPECT HEIGHTS, COOK COUNTY, ILLINOIS as follows:

Section 1. The City Council hereby finds and determines that the facts set forth in the preamble hereto are true and correct and hereby adopts same as part of this Ordinance.

Section 2. That Section 10-8-1(O) of the City Code, as amended from time to time, is hereby added to designate the south side of Marberry Drive in the designated spaces be restricted to thirty (30) minute parking only.

Section 3. This Ordinance shall be in full force and effect from and after its passage and approval as required by law.

PASSED and APPROVED this 12th day of July, 2010.



Mayor

ATTEST:


City Clerk

AYES: Aldermen Anderson, Dalessandro, Hamen, Higgins, Styler
NAYS: None
ABSENT: None

Published in pamphlet form: July 13, 2010

Effective Date: July 23, 2010



I

MEMO

DATE: September 2, 2014
TO: Mr. William Balling, City Administrator
FROM: Steven L. Cutaia, Public Works Director
Re: The 3 non-regulated bridge inspection report

The City of Prospect Heights-Public Works Department oversees the State of Illinois required bridge inspection process. The City has only one bridge that the State requires the City to obtain periodical professional bridge inspections. This bridge is located at the 500 block of North Maple.

Staff felt it pertinent to have the three fifty year old box culvert type bridges professionally inspected. These bridges are located about a block east of Schoenbeck on North Stonegate, Glenbrook, and South Stonegate.

Staff prepared an RFQ, obtained some quotes, and hired a firm. The report calls for some minor maintenance and safety guardrails. The maintenance portion has not been estimated but the proposed guardrails may cost about \$160,000.00. Since this is not in the current budget, unless otherwise directed, I will propose these repairs and the installation of guardrails in the 2014-15 budget.



**REMPE-SHARPE
& Associates, Inc.**

Principals

J. Bibby	P.E., S.E.
D. A. Watson	P.E.
B. Bennett	P.E., CFM
L. Vo	P.E.
J. Whitt	P.E., P.L.S., CFM
T. Whitt	P.E.

CONSULTING ENGINEERS

324 West State Street
Geneva, Illinois 60134
Phone: 630/232-0827 – Fax: 630/232-1629

July 30, 2014

City of Prospect Heights
8 North Elmhurst Road
Prospect Heights, IL 60070

Attn: Mr. Steven L. Cutaia, M.C.P.
Public Works Director

Project No. PH-01

Dear Mr. Cutaia

Rempe-Sharpe has inspected the three (3) Village bridges noted for 2014 structural inspection by the Prospect Heights City Council:

- a) 40 Block of Glenbrook Drive over McDonald Creek
- b) 5 Block of Stonegate Bridge over the McDonald Creek
- c) 33 Stonegate Drive west over the McDonald Creek

All of these are identical two (2) cell box culverts creating 2 x 8' wide x 7' high hydraulic openings. The age of these structures appears to date approximately to the late 1950's, however there is no documentation on file at the City. The water course in all three (3) cases is the MacDonald Creek, a fast moving, very scenic stream flowing north to south through the length of Prospect Heights.

STRUCTURAL REPAIRS

It is very appropriate timing to have inspected the three (3) bridge structures noted, in that minor structural issues are only very recently becoming evident. With the budgeting of the minor maintenance repairs noted, and an ongoing program of maintenance, these bridges should have usable life cycle extending another fifty (50) years.

The issues outlined call for the repair of reinforced concrete deck with partial depth standard repair per IDOT Standard for all three (3) of the structures noted. The surface spalling and delamination appears to be starting in recent years due to chloride use, and must be addressed immediately before potential chloride corrosion reaches reinforcing. With that deck repair completed, a secondary interior hand patch on the wall is also required to a localized area exhibiting deterioration over a four (4) square foot area.

The deck waterproofing application will require hand removal, cleaning, waterproofing application with ½" sand layer, and finally place 1½" bituminous surface course.

Once those repairs are completed, a waterproof membrane is recommended over the bridge decks to protect and extend life cycle of the structures. Lastly, Prospect Heights should apply concrete sealer to the outer edge of the structures on a routine two (2) year cycle to protect concrete from chloride runoff.

Follow-up inspections of these bridges should be coordinated on a four (4) year cycle to verify there are no structural issues.

SAFETY REPAIRS

Guardrail is missing from all three (3) bridge structures, and per IDOT, warrant analysis is needed for vehicular safety. There are two (2) clear alternatives for attachment of the requisite guardrail:

- A1. Anchor posts on the bridge deck with expansion anchorage to secure guardrail terminus in front of existing parapet wall.
- A2. Alternate A1 with park brown guardrail.
- B. Remove and replace parapet wall with structural reinforced concrete parapet wall doweled into existing bridge deck – and secure guardrail terminus to the reinforced concrete parapet per Standard Detail.

POTENTIAL GUARDRAIL UPGRADE

Due to the single family residential setting, Prospect Heights may wish to install an upgraded guardrail – possibly with dark brown finish metal plate guardrail (rustic appearance example attached per U.S. Department of Transportation.

This detail would be blended in with the surrounding setting as residents cross the bridge, thereby providing a warmer feel more in harmony with the wooded area.

Alternate A1 retains existing parapet block wall, and results in a total project cost of ..\$ 58,075.00

Alternate A2 (per A1 with dark brown guardrail)\$ 61,525.00

Alternate B removes and replaces parapets with a total project cost of\$163,104.50

STREAM CLEARING

During the field work due-diligence portion of this engineering report, a number of residents approached the engineer to inquire what the study scope was. Overwhelmingly, the residents expressed their opinion that the condition of McDonald Creek bridges were very acceptable; however the creek itself needed clearing and maintenance.

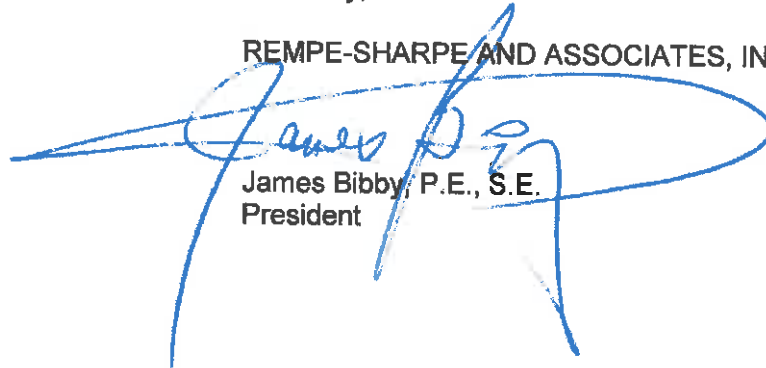
It is the opinion of the engineer that the condition of this creek is very pristine with excellent water quality not typically found in the greater Chicago area. We commend the Prospect Heights residents in their pride and stewardship, and we agree with their opinion that this could be an outstanding amenity.

RECOMMENDATION

It is recommended that the Alternate "A2" be selected, and the upgraded dark brown guardrail is recommended Alternate, if the project be constructed by Summer 2015. The Project should be budgeted with a 15% contingency, however at project completion this contingency could be considered to be utilized to begin addressing the stream clearing issue in the immediate vicinity of the bridges to improve aesthetics and hydraulic flow characteristics.

Sincerely,

REMPE-SHARPE AND ASSOCIATES, INC.

A large, stylized handwritten signature in blue ink, appearing to read "James Bibby", is written over the printed name and title.

James Bibby, P.E., S.E.
President

Attachment

APPROVAL OF WARRANTS

J

9/23/2014-COUNCIL MEETING		
<u>Checks</u>		
General Fund	\$	221,087.13
MFT Fund		
Palatine/Milwaukee TIF		7,772.85
Tourism District		114,574.68
Development Fund		
DEA Fund		3,639.08
Solid Waste Fund		
S S Area #1		
S S Area #2		
S S Area #3		
S S Area #4		
S S Area #5		157.08
S S Area #8 - Levee Wall #37		
S S Area-Constr#6(Water Main)		
S S Area-Debt#6		
Road Construction		
Road Construction Debt		
Water Fund		21,168.70
Parking Fund		549.48
Road/Building Bond Escrow		
	TOTAL	\$ 368,949.00
<u>Wire Payments</u>		
9/5/14 Payroll		123,348.31
9/19/14 Payroll		132,563.05
9/18/14 Police Pension Payment		23,041.64
August 2014 IMRF		16,552.51
Total Warrant	\$	664,454.51

Prospect Heights Police Department

James J. Dunne • Chief of Police

N

TO: City Administrator William Balling

FROM: Police Chief James Dunne

DATE: September 16, 2014

SUBJECT: **RIDGE AVENUE – TRAFFIC STUDY AND ANALYSE**

Several weeks ago we were presented with a petition from the residents of Ridge Avenue and some of the surrounding streets to install STOP signs and other measures with the hope of reducing the speed of traffic and making the roadway safer for pedestrians and children playing in the streets. I was mentioned anecdotally by several residents that Ridge is a dangerous street with speeding autos and many near miss auto collisions.

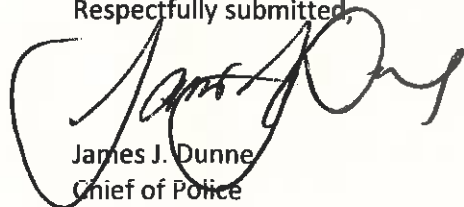
The Prospect Heights Police Department Speed Trailer was parked on Ridge for four weekdays. The highest recorded speed was 33 mph (posted limit is 25 mph). As predicted, volume was high during the morning rush commute and evening commute. **The average speed was approximately 15 mph.** A review of the attached data from the speed trailer's computer indicates that there is not a speed issue on Ridge Avenue.

Officers were assigned over the last several weeks to monitor this location as a Traffic HOT Spot (a location selected for additional enforcement activity). No citations were issued.

Because one of the concerns mentioned by the residents is that there are numerous car crashes on Ridge Avenue I investigated the crash data base. While the intersections of Ridge and Schoenbeck and Ridge and Elmhurst have experienced several crashes throughout the years, data from **1990 through today** show that on Ridge Avenue, between Schoenbeck and Elmhurst Roads, there was a **single crash** documented (4/28/2011).

Based on all of this information I have concluded that Ridge Avenue is an extremely safe roadway with an absence of speeding auto's or activities that may lead to automobile crashes. The traffic volume is subjective. The data suggests that no further enforcement or traffic engineering is needed. Because of the perception of an issue by the residents we are installing cautionary "Slow – Children at Play" signage throughout this and other neighborhoods.

Respectfully submitted,



James J. Dunne
Chief of Police

CFS#	ReceivedDate	LocationStree	UCRCodeLiteral_NEW	LocationStreetName	POfficerName
11-01691	04-28-2011	100	7754: Traffic & Related Acti	W RIDGE AV	YANKE, JOHN
	04-28-2011	100	7754: Traffic & Related Acti	W RIDGE AV	WILLETTE, LEE
✓					

1990 through 9/16/14
Traffic Crash.

Place Currently Not Set
Comparative Virtual Week

Volume

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Weekday Average	Weekend Average
Midnight	0	2	1	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0
4:00	0	0	1	0	0	0	0	0	0
5:00	0	0	5	0	0	0	0	1	0
6:00	8	4	6	0	5	0	0	4	0
7:00	29	31	21	0	18	0	0	19	0
8:00	13	7	9	0	16	0	0	9	0
9:00	3	8	7	0	4	0	0	4	0
10:00	11	17	10	0	7	0	0	9	0
11:00	14	13	9	0	9	0	0	9	0
12:00	16	17	8	0	5	0	0	9	0
13:00	6	25	3	0	7	0	0	8	0
14:00	17	14	19	0	19	0	0	13	0
15:00	11	14	19	0	23	0	0	13	0
16:00	21	18	21	0	6	0	0	13	0
17:00	13	17	14	0	7	0	0	10	0
18:00	24	22	15	0	7	0	0	13	0
19:00	13	11	9	0	7	0	0	8	0
20:00	2	5	6	0	6	0	0	3	0
21:00	2	6	3	0	2	0	0	2	0
22:00	1	1	0	0	2	0	0	0	0
23:00	0	1	0	0	0	0	0	0	0
Totals	204	233	186	0	150	0	0	154	0
Days	1	1	1	0	1	0	0		

Total Days: 4

Virtual Week:

All data from the survey is merged into a single, averaged week.
Each time slot is the sum of the same time slot from each day divided
by the number of days available for that slot. Totals are rounded to
the nearest whole integer.

**Place Currently Not Set
Traffic Survey Summary**

Location: Ridge Ave
Start Date: 09-08-14
End Date: 09-09-14

Monday

Zone: Residential
Start Time: 06:56:06
End Time: 00:35:03
Travel Direction: W

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 999
Volume	173	16	4	8	2	1	2	0	0	0	0	0
% of Total	83.98%	7.76%	1.94%	3.88%	0.97%	0.48%	0.97%	0%	0%	0%	0%	0%
								Total Vehicles: 206				

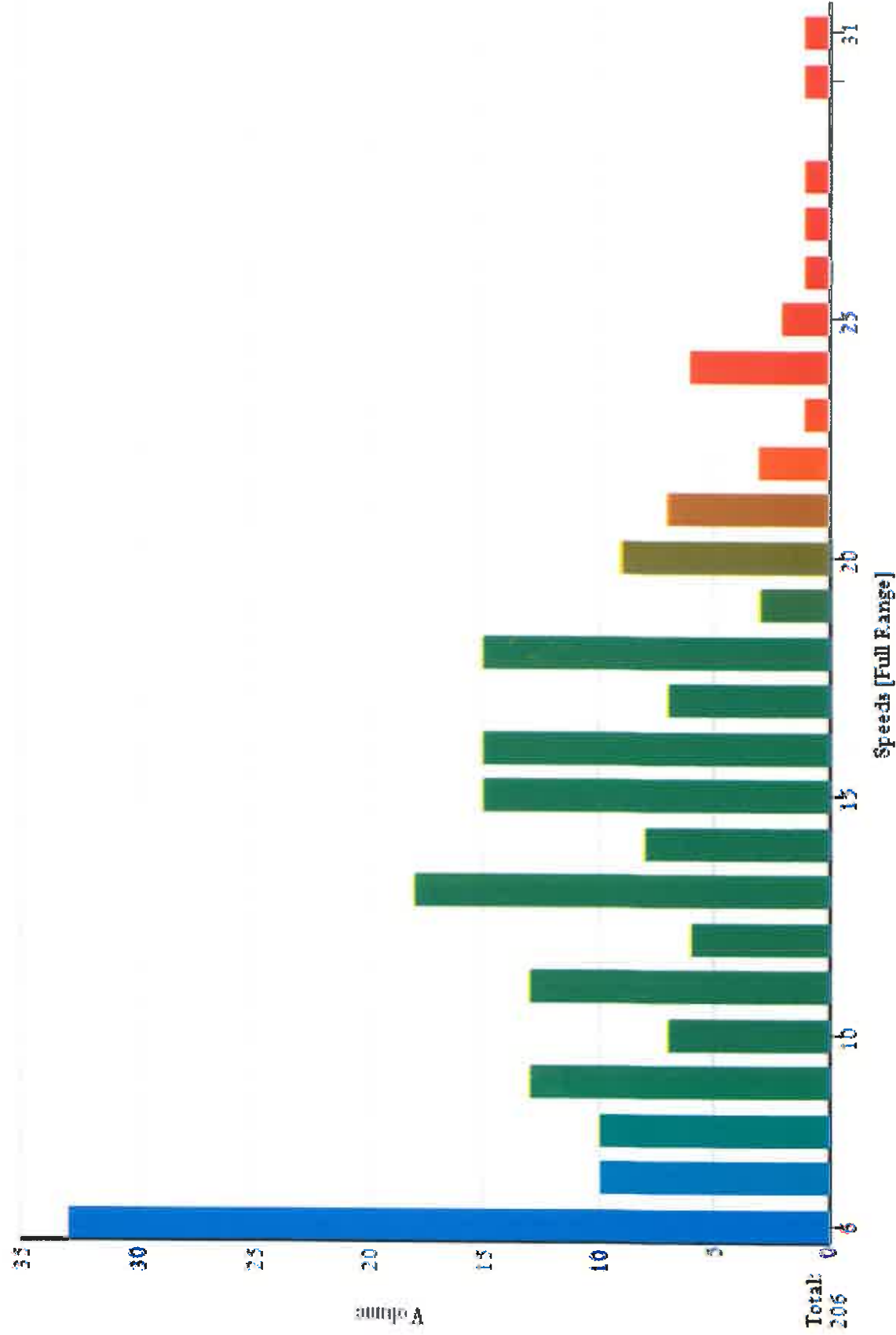
Speed Statistics		10 MPH Pace		Number Exceeding Limit				
Posted	25	Pace Speed	6 to 15	Speed	25+	35+	45+	Total
#At/Under Limit	201	# in Pace	133	Number	5	0	0	5
# Over Limit	5	% in Pace	64.56%	Percent	2.42%	0%	0%	2.42%
Average Speed	13.39	85% Percentile	20					

Place Currently Not Set
Speed/Volume Graph

Travel Direction: W

Zone: Residential
Speed Limit: 25 MPH

Location: Ridge Ave
Dates: 09-08-14 to 09-09-14

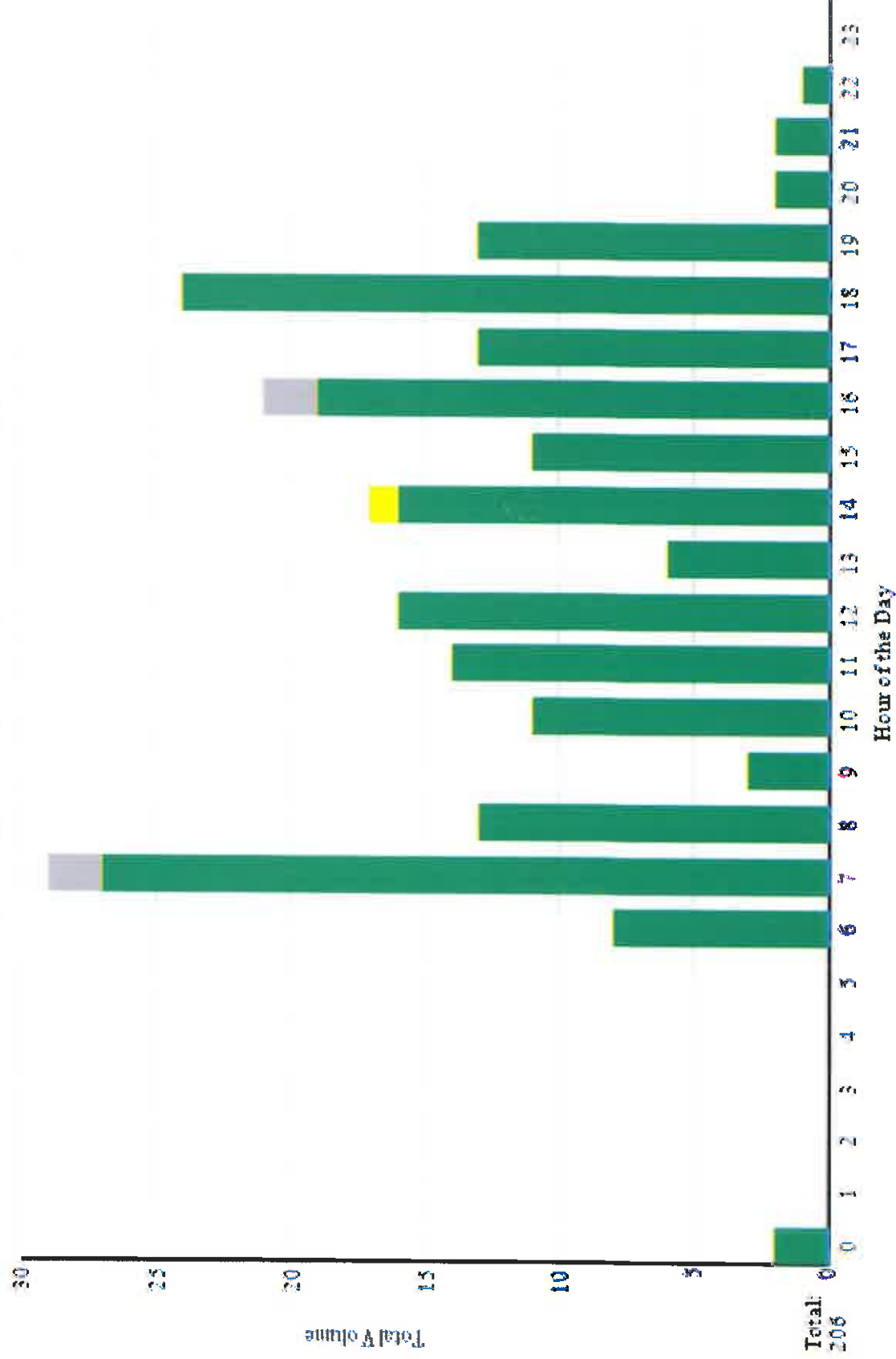


Place Currently Not Set Speed/Time/Volume Graph

Location: Ridge Ave
Dates: 09-08-14 to 09-09-14

Zone: Residential
Speed Limit: 25 MPH

Travel Direction: W



Place Currently Not Set
Daily Traffic Flow - 15 minute interval

Location: Ridge Ave

Zone: Residential
Travel Direction: W

Monday, 09-08-2014					
Time AM	Vehicle Count	Hour Total	Time PM	Vehicle Count	Hour Total
00:00 to 00:15	0		12:00 to 12:15	3	
00:15 to 00:30	0		12:15 to 12:30	2	
00:30 to 00:45	0		12:30 to 12:45	7	
00:45 to 01:00	0	0	12:45 to 13:00	4	16
01:00 to 01:15	0		13:00 to 13:15	1	
01:15 to 01:30	0		13:15 to 13:30	2	
01:30 to 01:45	0		13:30 to 13:45	1	
01:45 to 02:00	0	0	13:45 to 14:00	2	6
02:00 to 02:15	0		14:00 to 14:15	3	
02:15 to 02:30	0		14:15 to 14:30	1	
02:30 to 02:45	0		14:30 to 14:45	10	
02:45 to 03:00	0	0	14:45 to 15:00	3	17
03:00 to 03:15	0		15:00 to 15:15	2	
03:15 to 03:30	0		15:15 to 15:30	2	
03:30 to 03:45	0		15:30 to 15:45	3	
03:45 to 04:00	0	0	15:45 to 16:00	4	11
04:00 to 04:15	0		16:00 to 16:15	8	
04:15 to 04:30	0		16:15 to 16:30	5	
04:30 to 04:45	0		16:30 to 16:45	6	
04:45 to 05:00	0	0	16:45 to 17:00	2	21
05:00 to 05:15	0		17:00 to 17:15	2	
05:15 to 05:30	0		17:15 to 17:30	4	
05:30 to 05:45	0		17:30 to 17:45	5	
05:45 to 06:00	0	0	17:45 to 18:00	2	13
06:00 to 06:15	0		18:00 to 18:15	9	
06:15 to 06:30	0		18:15 to 18:30	3	
06:30 to 06:45	0		18:30 to 18:45	6	
06:45 to 07:00	8	8	18:45 to 19:00	6	24
07:00 to 07:15	11		19:00 to 19:15	2	
07:15 to 07:30	2		19:15 to 19:30	4	
07:30 to 07:45	9		19:30 to 19:45	3	
07:45 to 08:00	7	29	19:45 to 20:00	4	13
08:00 to 08:15	5		20:00 to 20:15	1	
08:15 to 08:30	3		20:15 to 20:30	0	
08:30 to 08:45	1		20:30 to 20:45	1	
08:45 to 09:00	4	13	20:45 to 21:00	0	2
09:00 to 09:15	1		21:00 to 21:15	2	
09:15 to 09:30	2		21:15 to 21:30	0	
09:30 to 09:45	0		21:30 to 21:45	0	
09:45 to 10:00	0	3	21:45 to 22:00	0	2
10:00 to 10:15	2		22:00 to 22:15	1	
10:15 to 10:30	7		22:15 to 22:30	0	
10:30 to 10:45	2		22:30 to 22:45	0	
10:45 to 11:00	0	11	22:45 to 23:00	0	1
11:00 to 11:15	2		23:00 to 23:15	0	
11:15 to 11:30	2		23:15 to 23:30	0	
11:30 to 11:45	8		23:30 to 23:45	0	
11:45 to 12:00	2	14	23:45 to 24:00	0	0

Total AM	76
Peak Hour AM	07:00 to 08:00
Peak Flow AM	29
Peak % of AM	38.15%
Peak AM % of 24	14.21%

Total PM	128
Peak Hour PM	18:00 to 19:00
Peak Flow PM	24
Peak % of PM	18.75%
Peak PM % of 24	11.76%

**Place Currently Not Set
Time vs Speed**

Location: Ridge Ave
Date: 09-08-2014
Posted Speed Limit: 25 MPH

Zone: Residential
Travel Direction: W

Time Span	Total	--- Speed Ranges ---																
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81+
00:00-00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00-02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00-03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00-04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00-05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00-06:59	8	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00-07:59	29	0	9	4	10	4	2	0	0	0	0	0	0	0	0	0	0	0
08:00-08:59	13	0	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0
09:00-09:59	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
10:00-10:59	11	0	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00-11:59	14	0	6	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00-12:59	16	0	9	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0
13:00-13:59	8	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00-14:59	17	0	5	4	5	2	0	1	0	0	0	0	0	0	0	0	0	0
15:00-15:59	11	0	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-16:59	21	0	4	7	5	3	2	0	0	0	0	0	0	0	0	0	0	0
17:00-17:59	13	0	0	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:59	24	0	6	7	7	4	0	0	0	0	0	0	0	0	0	0	0	0
19:00-19:59	13	0	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0
20:00-20:59	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
21:00-21:59	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00-22:59	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Place Currently Not Set
Traffic Survey Summary**

Location: Ridge Ave
Start Date: 09-09-14
End Date: 09-10-14

Zone: Residential
Start Time: 06:36:24
End Time: 21:10:31
Travel Direction: W

Tuesday - Wednesday - Combined:

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 999
Volume	310	25	28	22	15	9	4	4	0	0	0	0
% of Total	74.34%	5.99%	6.71%	5.27%	3.59%	2.15%	0.95%	0.95%	0%	0%	0%	0%
									Total Vehicles: 417			

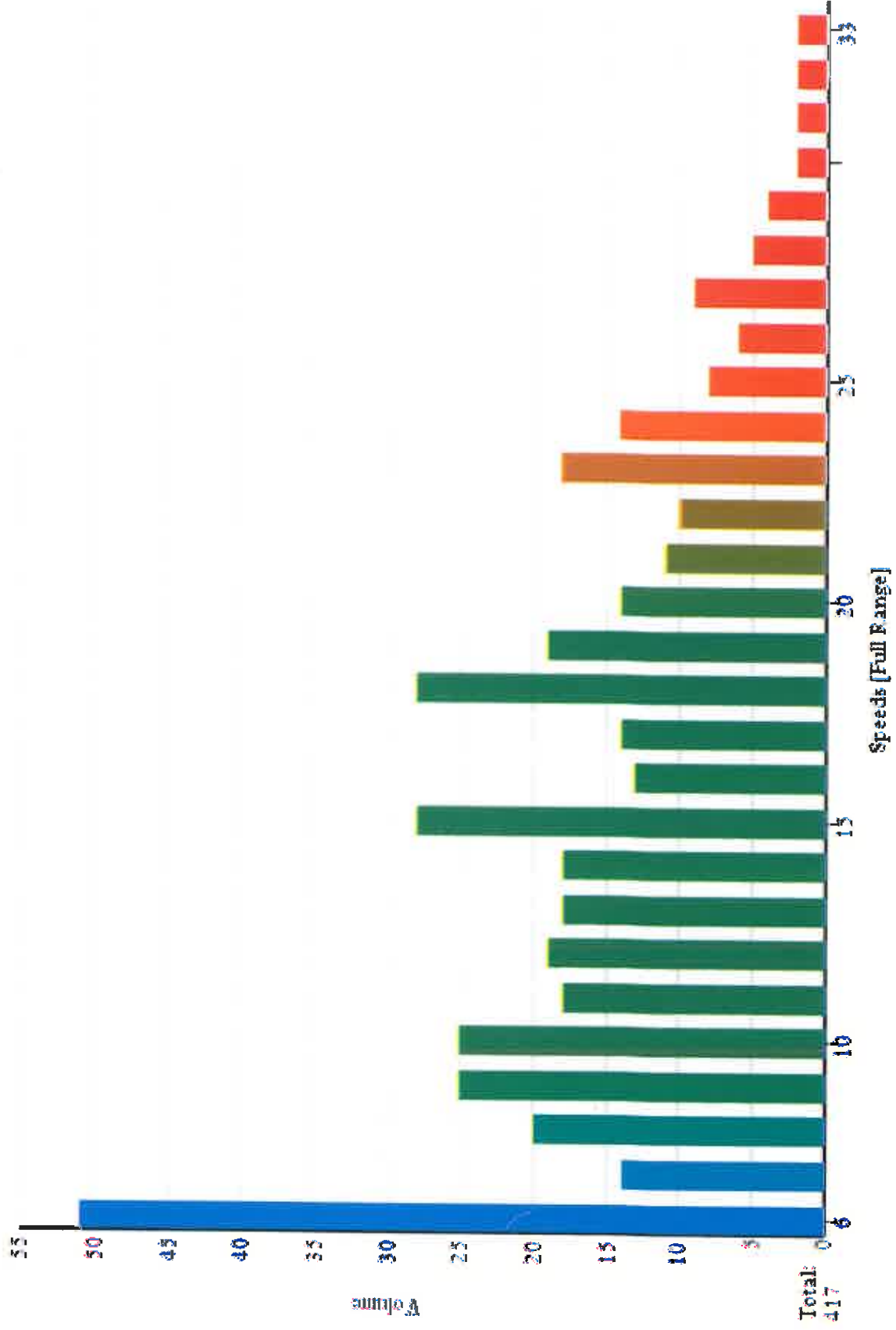
Speed Statistics		10 MPH Pace		Number Exceeding Limit				
Posted	25	Pace Speed	6 to 15	Speed	25+	35+	45+	Total
#At/Under Limit	385	# in Pace	236	Number	32	0	0	32
# Over Limit	32	% in Pace	56.59%	Percent	7.67%	0%	0%	7.67%
Average Speed	15.03	85% Percentile	23					

Place Currently Not Set
Speed/Volume Graph

Location: Ridge Ave
Dates: 09-09-14 to 09-10-14

Zone: Residential
Speed Limit: 25 MPH

Travel Direction: W

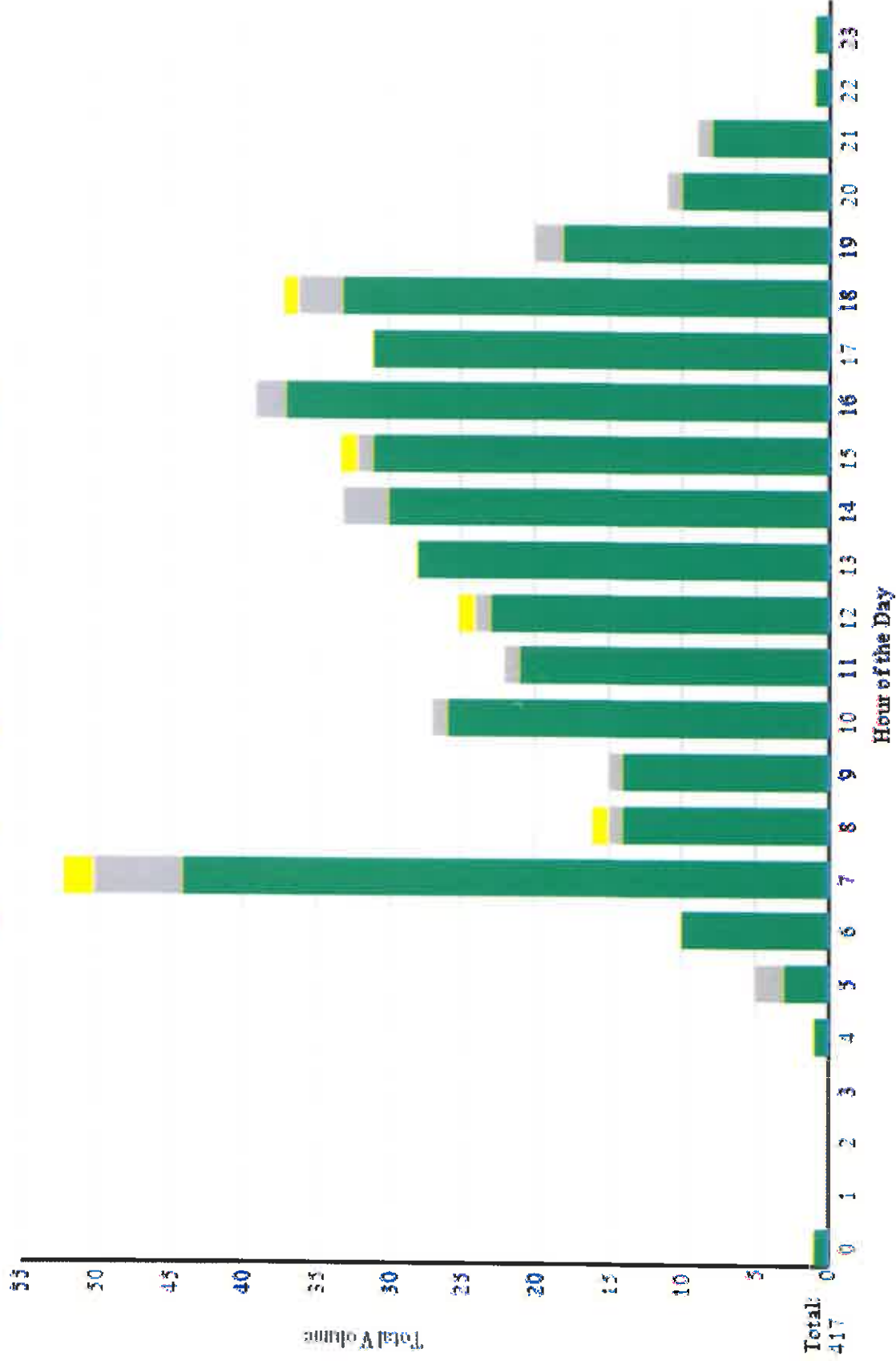


Place Currently Not Set
Speed/Time/Volume Graph

Location: Ridge Ave
Dates: 09-09-14 to 09-10-14

Zone: Residential
Speed Limit: 25 MPH

Travel Direction: W



Place Currently Not Set
Daily Traffic Flow - 15 minute interval

Location: Ridge Ave

Zone: Residential
Travel Direction: W

Tuesday, 09-09-2014					
Time AM	Vehicle Count	Hour Total	Time PM	Vehicle Count	Hour Total
00:00 to 00:15	0		12:00 to 12:15	2	
00:15 to 00:30	0		12:15 to 12:30	6	
00:30 to 00:45	0		12:30 to 12:45	6	
00:45 to 01:00	0	0	12:45 to 13:00	3	17
01:00 to 01:15	0		13:00 to 13:15	3	
01:15 to 01:30	0		13:15 to 13:30	1	
01:30 to 01:45	0		13:30 to 13:45	11	
01:45 to 02:00	0	0	13:45 to 14:00	10	25
02:00 to 02:15	0		14:00 to 14:15	0	
02:15 to 02:30	0		14:15 to 14:30	4	
02:30 to 02:45	0		14:30 to 14:45	5	
02:45 to 03:00	0	0	14:45 to 15:00	5	14
03:00 to 03:15	0		15:00 to 15:15	4	
03:15 to 03:30	0		15:15 to 15:30	1	
03:30 to 03:45	0		15:30 to 15:45	6	
03:45 to 04:00	0	0	15:45 to 16:00	3	14
04:00 to 04:15	0		16:00 to 16:15	0	
04:15 to 04:30	0		16:15 to 16:30	10	
04:30 to 04:45	0		16:30 to 16:45	4	
04:45 to 05:00	0	0	16:45 to 17:00	4	18
05:00 to 05:15	0		17:00 to 17:15	3	
05:15 to 05:30	0		17:15 to 17:30	2	
05:30 to 05:45	0		17:30 to 17:45	2	
05:45 to 06:00	0	0	17:45 to 18:00	10	17
06:00 to 06:15	0		18:00 to 18:15	12	
06:15 to 06:30	0		18:15 to 18:30	6	
06:30 to 06:45	2		18:30 to 18:45	1	
06:45 to 07:00	2	4	18:45 to 19:00	3	22
07:00 to 07:15	3		19:00 to 19:15	5	
07:15 to 07:30	2		19:15 to 19:30	3	
07:30 to 07:45	12		19:30 to 19:45	3	
07:45 to 08:00	14	31	19:45 to 20:00	0	11
08:00 to 08:15	2		20:00 to 20:15	1	
08:15 to 08:30	3		20:15 to 20:30	1	
08:30 to 08:45	1		20:30 to 20:45	2	
08:45 to 09:00	1	7	20:45 to 21:00	1	5
09:00 to 09:15	3		21:00 to 21:15	0	
09:15 to 09:30	3		21:15 to 21:30	3	
09:30 to 09:45	2		21:30 to 21:45	3	
09:45 to 10:00	0	8	21:45 to 22:00	0	8
10:00 to 10:15	12		22:00 to 22:15	0	
10:15 to 10:30	3		22:15 to 22:30	0	
10:30 to 10:45	1		22:30 to 22:45	1	
10:45 to 11:00	1	17	22:45 to 23:00	0	1
11:00 to 11:15	4		23:00 to 23:15	0	
11:15 to 11:30	4		23:15 to 23:30	1	
11:30 to 11:45	2		23:30 to 23:45	0	
11:45 to 12:00	3	13	23:45 to 24:00	0	1

Total AM	77
Peak Hour AM	07:00 to 08:00
Peak Flow AM	31
Peak % of AM	40.25%
Peak AM % of 24	13.41%

Total PM	154
Peak Hour PM	13:00 to 14:00
Peak Flow PM	25
Peak % of PM	16.23%
Peak PM % of 24	10.82%

**Place Currently Not Set
Time vs Speed**

Location: Ridge Ave
Date: 09-09-2014
Posted Speed Limit: 25 MPH

Zone: Residential
Travel Direction: W

Time Span	Total	--- Speed Ranges ---																
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81+
00:00-00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00-02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00-03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00-04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00-05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00-06:59	4	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00-07:59	31	0	14	6	8	3	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:59	7	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00-09:59	8	0	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10:00-10:59	17	0	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00-11:59	13	0	8	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00-12:59	17	0	7	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0
13:00-13:59	25	0	15	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00-14:59	14	0	4	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00-15:59	14	0	5	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00-16:59	18	0	7	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:59	17	0	3	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:59	22	0	12	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0
19:00-19:59	11	0	5	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0
20:00-20:59	5	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0
21:00-21:59	6	0	2	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0
22:00-22:59	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00-23:59	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Place Currently Not Set
Traffic Survey Summary**

Location: Ridge Ave
Start Date: 09-12-14
End Date: 09-12-14

Friday

Zone: Residential
Start Time: 06:36:10
End Time: 22:03:05
Travel Direction: W

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 999
Volume	91	20	17	9	9	1	3	0	0	0	0	0
% of Total	60.66%	13.33%	11.33%	6%	6%	0.66%	2%	0%	0%	0%	0%	0%
								Total Vehicles: 150				

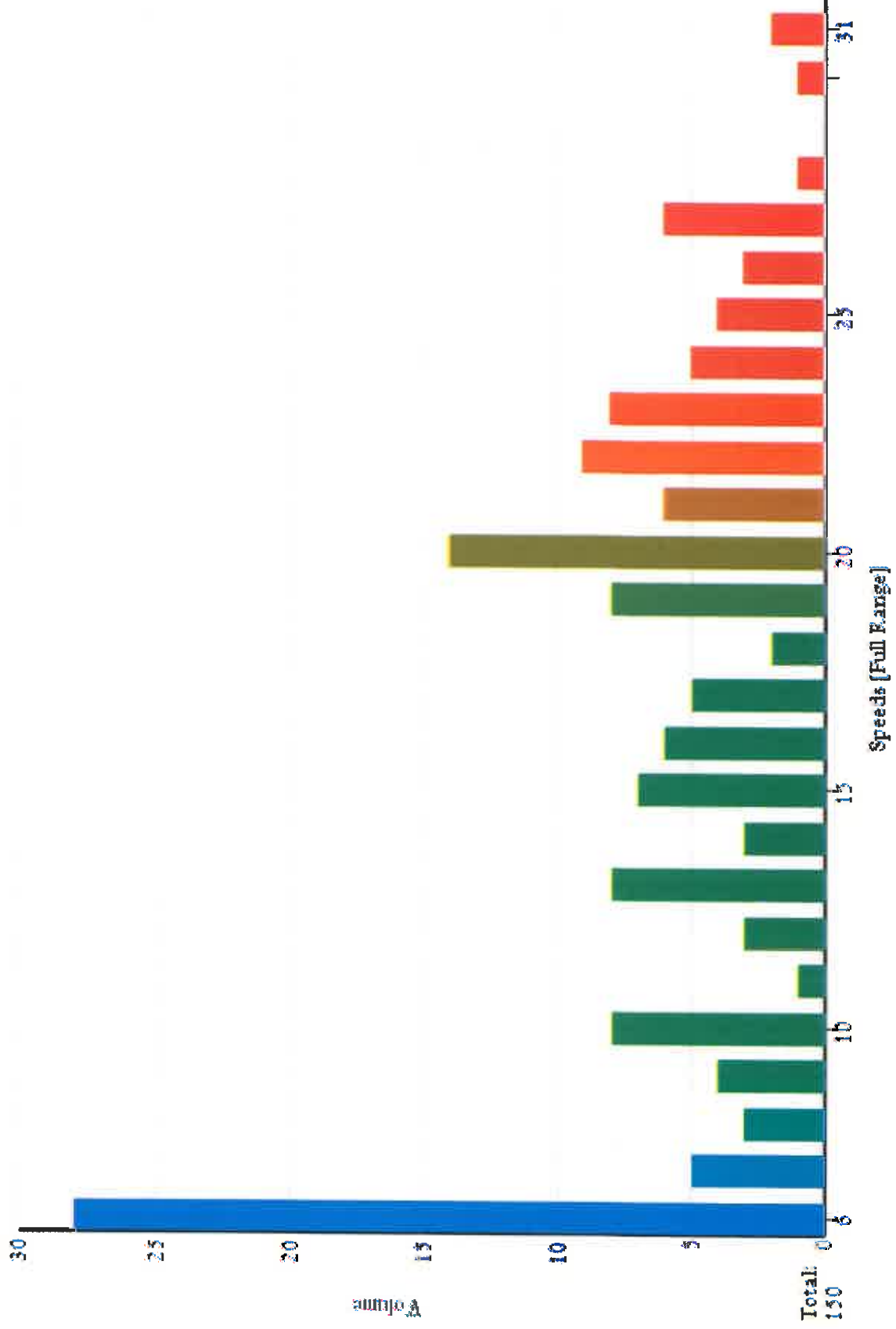
Speed Statistics		10 MPH Pace		Number Exceeding Limit				
Posted	25	Pace Speed	6 to 15	Speed	25+	35+	45+	Total
#At/Under Limit	137	# in Pace	70	Number	13	0	0	13
# Over Limit	13	% in Pace	46.66%	Percent	8.66%	0%	0%	8.66%
Average Speed	15.85	85% Percentile	23					

Place Currently Not Set
Speed/Volume Graph

Location: Ridge Ave
Date: 09-12-14

Zone: Residential
Speed Limit: 25 MPH

Travel Direction: W

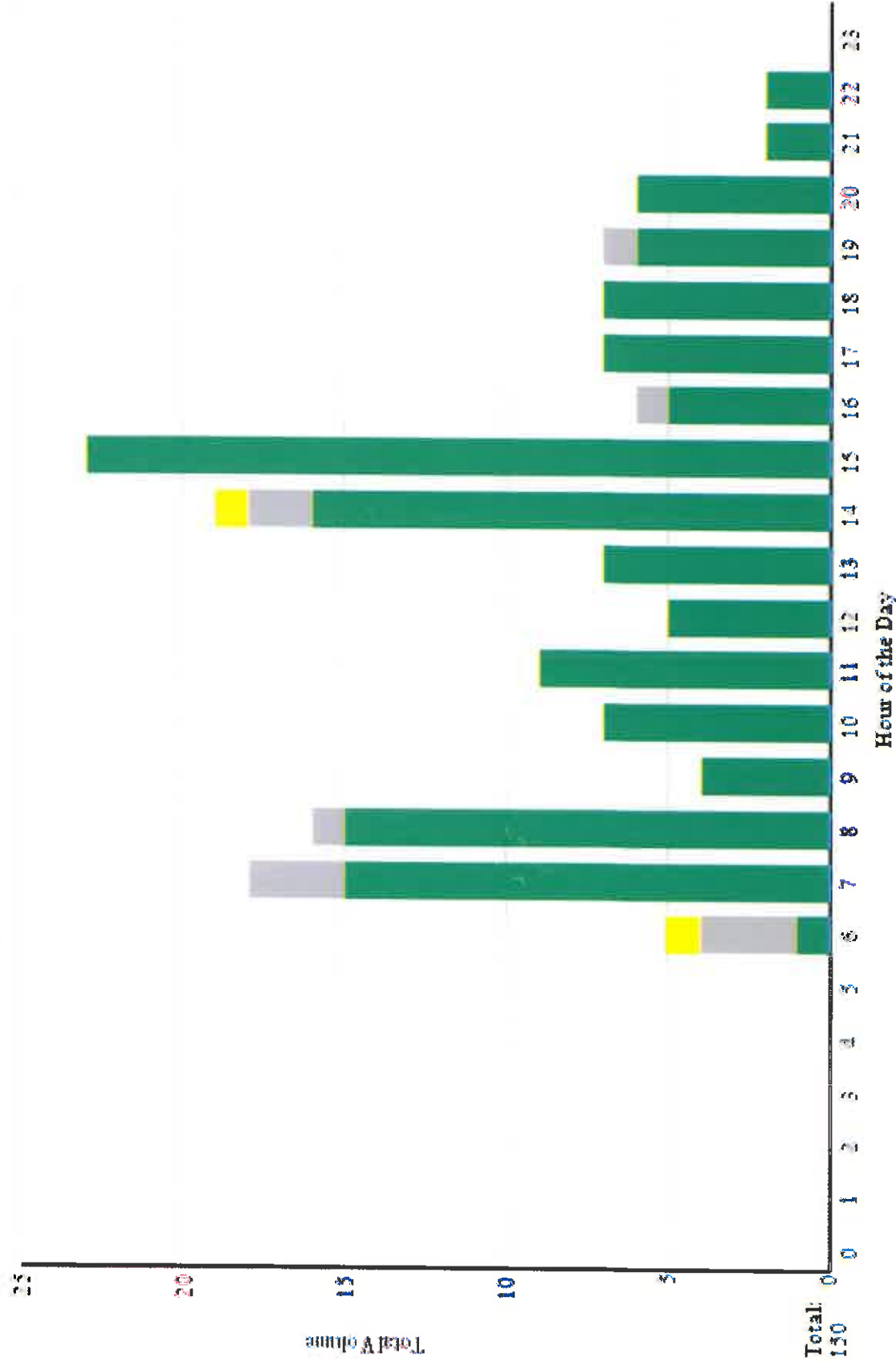


Place Currently Not Set Speed/Time/Volume Graph

Location: Ridge Ave
Date: 09-12-14

Zone: Residential
Speed Limit: 25 MPH

Travel Direction: W



Place Currently Not Set
Daily Traffic Flow - 15 minute interval

Location: Ridge Ave

Zone: Residential
Travel Direction: W

Friday, 09-12-2014					
Time AM	Vehicle Count	Hour Total	Time PM	Vehicle Count	Hour Total
00:00 to 00:15	0		12:00 to 12:15	0	
00:15 to 00:30	0		12:15 to 12:30	2	
00:30 to 00:45	0		12:30 to 12:45	2	
00:45 to 01:00	0	0	12:45 to 13:00	1	5
01:00 to 01:15	0		13:00 to 13:15	3	
01:15 to 01:30	0		13:15 to 13:30	0	
01:30 to 01:45	0		13:30 to 13:45	1	
01:45 to 02:00	0	0	13:45 to 14:00	3	7
02:00 to 02:15	0		14:00 to 14:15	3	
02:15 to 02:30	0		14:15 to 14:30	2	
02:30 to 02:45	0		14:30 to 14:45	6	
02:45 to 03:00	0	0	14:45 to 15:00	8	19
03:00 to 03:15	0		15:00 to 15:15	19	
03:15 to 03:30	0		15:15 to 15:30	1	
03:30 to 03:45	0		15:30 to 15:45	2	
03:45 to 04:00	0	0	15:45 to 16:00	1	23
04:00 to 04:15	0		16:00 to 16:15	2	
04:15 to 04:30	0		16:15 to 16:30	2	
04:30 to 04:45	0		16:30 to 16:45	1	
04:45 to 05:00	0	0	16:45 to 17:00	1	6
05:00 to 05:15	0		17:00 to 17:15	1	
05:15 to 05:30	0		17:15 to 17:30	1	
05:30 to 05:45	0		17:30 to 17:45	1	
05:45 to 06:00	0	0	17:45 to 18:00	4	7
06:00 to 06:15	0		18:00 to 18:15	2	
06:15 to 06:30	0		18:15 to 18:30	0	
06:30 to 06:45	3		18:30 to 18:45	4	
06:45 to 07:00	2	5	18:45 to 19:00	1	7
07:00 to 07:15	3		19:00 to 19:15	1	
07:15 to 07:30	3		19:15 to 19:30	4	
07:30 to 07:45	3		19:30 to 19:45	1	
07:45 to 08:00	9	18	19:45 to 20:00	1	7
08:00 to 08:15	1		20:00 to 20:15	0	
08:15 to 08:30	14		20:15 to 20:30	5	
08:30 to 08:45	1		20:30 to 20:45	1	
08:45 to 09:00	0	16	20:45 to 21:00	0	6
09:00 to 09:15	0		21:00 to 21:15	1	
09:15 to 09:30	0		21:15 to 21:30	0	
09:30 to 09:45	0		21:30 to 21:45	0	
09:45 to 10:00	4	4	21:45 to 22:00	1	2
10:00 to 10:15	0		22:00 to 22:15	2	
10:15 to 10:30	2		22:15 to 22:30	0	
10:30 to 10:45	0		22:30 to 22:45	0	
10:45 to 11:00	5	7	22:45 to 23:00	0	2
11:00 to 11:15	3		23:00 to 23:15	0	
11:15 to 11:30	3		23:15 to 23:30	0	
11:30 to 11:45	3		23:30 to 23:45	0	
11:45 to 12:00	0	9	23:45 to 24:00	0	0

Total AM	59
Peak Hour AM	07:00 to 08:00
Peak Flow AM	18
Peak % of AM	30.5%
Peak AM % of 24	12%

Total PM	91
Peak Hour PM	15:00 to 16:00
Peak Flow PM	23
Peak % of PM	25.27%
Peak PM % of 24	15.33%

**Place Currently Not Set
Time vs Speed**

Location: Ridge Ave
Date: 09-12-2014
Posted Speed Limit: 25 MPH

Zone: Residential
Travel Direction: W

Time Span	Total	--- Speed Ranges ---																
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81+
00:00-00:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-01:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00-02:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00-03:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00-04:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00-05:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00-06:59	5	0	0	0	1	0	3	1	0	0	0	0	0	0	0	0	0	0
07:00-07:59	18	0	4	1	5	5	3	0	0	0	0	0	0	0	0	0	0	0
08:00-08:59	16	0	8	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0
09:00-09:59	4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10:00-10:59	7	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00-11:59	9	0	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00-12:59	5	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
13:00-13:59	7	0	2	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0
14:00-14:59	19	0	3	4	4	5	2	1	0	0	0	0	0	0	0	0	0	0
15:00-15:59	23	0	17	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0
16:00-16:59	6	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0
17:00-17:59	7	0	2	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:59	7	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0
19:00-19:59	7	0	0	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0
20:00-20:59	6	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
21:00-21:59	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
22:00-22:59	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
23:00-23:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0