

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
April 24, 2017

Immediately following Finance Committee

Members:	Anna Newell, Chairperson	Gary G. Stanton, Trustee
	Michael Gaeta, Vice Chairperson	Gayle Vandenberg, Trustee
	Gary Pilafas, Trustee	William McLeod, Mayor
	Karen V. Mills, Trustee	

I. Roll Call

II. Approval of Minutes – March 27, 2017

NEW BUSINESS

1. Discussion regarding Tree City USA recognition.
2. Request approval of an ordinance prohibiting the use of ground water as a potable water supply by the installation or use of potable water supply wells or by any other method.
3. Request approval of the locations for the 2017 Drainage Improvement Project and discussion of the Village Drainage Policy.
4. Request authorization to award contract for 2017 Sidewalk Raising/Mudjacking Program to Raise Rite of Carol Stream, IL (low bid) at a unit price of \$1.97 per square foot for sidewalk, in an amount not to exceed \$30,000.
5. Request authorization to waive bidding and purchase replacement backhoe loader for Unit #56 through Westside Tractor, Wauconda, IL, in an amount not to exceed \$148,206.62.
6. Request acceptance of the Department of Public Works Monthly Report.
7. Request acceptance of the Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance call the ADA Coordinator at 847/882-9100.

**PUBLIC WORKS & UTILITIES COMMITTEE
MEETING MINUTES**

March 27, 2017

I. Roll call

Members in Attendance:

**Trustee Anna Newell, Chairperson
Trustee Michael Gaeta, Vice Chairperson
Trustee Karen Mills
Trustee Gary Stanton
Mayor William McLeod**

Members Absent:

**Trustee Gayle Vandenberg
Trustee Gary Pilafas**

**Management Team Members
in Attendance:**

**Arthur Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplun, Asst. Village Mgr., Dev. Services
Ted Bos, Police Chief
Jeff Jorian, Fire Chief
Joe Nebel, Director of Public Works
Rachel Musiala, Director of Finance
Fred Besenhoffer, Director of IS
Dr. Monica Saavedra, Director of HHS
Ben Gibbs, GM Sears Centre Arena
Patti Cross, Asst. Corporation Counsel
Suzanne Ostrovsky, Asst. to Village Manager
Greg Poulos, Assistant Police Chief
Bruce Anderson, CATV Coordinator**

The Public Works & Utilities Committee meeting was called to order at 7:10 p.m.

II. Approval of Minutes

Motion by Trustee Gaeta, seconded by Trustee Mills, to approve the minutes of the Public Works & Utilities Committee meeting of February 27, 2017. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request authorization to waive bidding and purchase replacement Aerial Lift Truck for unit #54 through NJPA contract discount from Altec Industries, Birmingham, AL, in an amount not to exceed \$121,567.**

An item summary sheet from Joe Nebel, Kelly Kerr, and Bob Markko was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to waive bidding and purchase replacement Aerial Lift Truck for unit #54 through NJPA contract discount from Altec Industries, Birmingham, AL, in an amount not to exceed \$121,567. Voice vote taken. All ayes. Motion carried.

2. **Request authorization to award contract for 2017 contracted weed control and fertilization, for various Village owned sites and rights-of-way, to Tru Green, Carpentersville, IL (low bid), in an amount not to exceed \$15,120.**

An item summary sheet from Joe Nebel and Nick Lackowski was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to award contract for 2017 contracted weed control and fertilization, for various Village owned sites and rights-of-way, to Tru Green, Carpentersville, IL (low bid), in an amount not to exceed \$15,120. Voice vote taken. All ayes. Motion carried.

3. **Request authorization to award contract for 2017 Concrete Maintenance/Restoration Program to Mondri Construction, Inc., West Chicago, IL (low bid) at a unit price of \$5.50 per square foot for sidewalk, \$21.00 per lineal foot for curb replacements, and \$50.00 per square yard for driveway apron replacements, in an amount not to exceed \$110,000.**

An item summary sheet from Joe Nebel and Kevin McGraw was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to award contract for 2017 Concrete Maintenance/Restoration Program to Mondri Construction, Inc., West Chicago, IL (low bid) at a unit price of \$5.50 per square foot for sidewalk, \$21.00 per lineal foot for curb replacements, and \$50.00 per square yard for driveway apron replacements, in an amount not to exceed \$110,000. Voice vote taken. All ayes. Motion carried.

4. **Request authorization to award contract for 2017 roadway pavement markings to Preform Traffic Control Systems, Ltd., Elk Grove, IL (low bid), at a total cost not to exceed \$57,000.**

An item summary sheet from Joe Nebel and Jeremy Jahnke was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to award contract for 2017 roadway pavement markings to Preform Traffic Control Systems, Ltd., Elk Grove, IL (low bid), at a total cost not to exceed \$57,000. Voice vote taken. All ayes. Motion carried.

5. **Request authorization to award contract amendment for additional engineering services for 2017 Sanitary Sewer Rehabilitation to Baxter & Woodman Consulting Engineers, Crystal Lake, IL, in an amount not to exceed \$73,600.**

An item summary sheet from Joe Nebel and Haileng Xiao was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to award contract amendment for additional engineering services for 2017 Sanitary Sewer Rehabilitation to Baxter & Woodman Consulting Engineers, Crystal Lake, IL, in an amount not to exceed \$73,600. Voice vote taken. All ayes. Motion carried.

6. **A) Request approval of Memorandum of Understanding (MOU) between Village of Hoffman Estates and Village of Palatine; and
B) Request authorization to award contract for engineering services to study and evaluate the water distribution systems of both Village of Hoffman Estates and Village of Palatine for an emergency interconnect to Baxter & Woodman Consulting Engineers, Crystal Lake, IL, in a total amount not to exceed \$21,500.**

An item summary sheet from Joe Nebel and Haileng Xiao was presented to Committee.

Trustee Mills and Trustee Stanton inquired about Palatine's current water connection, and adjustments needed to realize an emergency interconnect with Hoffman Estates. Mr. Nebel provided details on the two systems and information related to any interconnect that would occur.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to A) approve Memorandum of Understanding (MOU) between Village of Hoffman Estates and Village of Palatine; and B) award contract for engineering services to study and evaluate the water distribution systems of both Village of Hoffman Estates and Village of Palatine for an emergency interconnect to Baxter & Woodman Consulting Engineers, Crystal Lake, IL, in a total amount not to exceed \$21,500. Voice vote taken. All ayes. Motion carried.

7. **Request acceptance of the Department of Public Works Monthly Report.**

The Department of Public Works Monthly Report was presented to committee.

Trustee Newell inquired about the Ela Road project. Mr. Nebel provided comment on the remaining work to be completed.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to accept the Department of Public Works Monthly Report. Voice vote taken. All ayes. Motion carried.

8. **Request acceptance of the Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division.**

The Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to accept the Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division. Voice vote taken. All ayes. Motion carried.

III. President's Report

Lakeview Elementary students attend a presentation at Village Hall on 3/21, Mayor and other members of the Board attended the Woodfield Acura grand opening and a Joint Review Board meeting at Village Hall was held for the proposed Plum Farms TIFF. On 3/22 Mayor attended the Legislative Committee for the Northwest Municipal Conference, the Commission for Senior Citizen's Spring Luncheon and Wine Wednesday. On 3/23 Mayor chaired the Transportation Committee for the Northwest Municipal Conference and on 3/25. On Saturday 3/26 he attended the Youth art program at Village Hall and attended Richard Grubb's Eagle Court of Honor with

Trustee Mills and Trustee Gaeta. He also attended the State Archeological Society event at Sunderlage Farmhouse. On 3/27 Mayor noted the Disaster Preparedness Seminar taking place and congratulated the following people on their swearing in: Probationary Firefighter Michael Kakovan and Probationary Police Officer Bradley Frost.

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Gaeta, seconded by Trustee Stanton, to adjourn the meeting at 7:21 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Jennifer Djordjevic, Director of Operations &
Outreach / Office of the Mayor and Board

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Discussion regarding Tree City USA recognition.

MEETING DATE: April 24, 2017

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works
Kelly Kerr, Assistant Director of Public Works
Nick Lackowski, Village Forester

PURPOSE: To provide background information of the process performed annually to fulfill requirements for re-certification as a Tree City USA community.

BACKGROUND: The National Arbor Day Foundation requires municipalities aspiring to be recognized as a Tree City USA community to annually satisfy a list of four (4) standards. These standards are:

- 1) A Tree Board or Department
- 2) A Community Tree Ordinance
- 3) A Forestry Program with at least \$2 per capita for tree care
- 4) An Arbor Day Observance and Proclamation

An application with written documentation is submitted to the Illinois Department of Natural Resources (IDNR) each December for review and preliminary approval. The IDNR verifies that requirements have been met and forwards the application and documentation to the National Arbor Day Foundation for final approval. Notification of preliminary approval is commonly received in late January with final approval issued through the IDNR in March recognizing all of the qualifying Illinois municipalities.

DISCUSSION:

In late March of 2017, the Village of Hoffman Estates received notice that we had been awarded our twenty sixth consecutive Tree City USA recognition. Due to financial constraints with state managed agencies, which includes the IDNR, an actual awards program did not occur in 2017 and municipalities were given the option to receive their recognition documentation at the monthly Northeast Municipal Forester's Meeting, attended by Village Forester Nick Lackowski.

Hoffman Estates was one of 177 Illinois communities receiving Tree City USA status for 2016. The Annual Tree City USA Community designation is reflective of the level of stewardship necessary to build greener communities for today and tomorrow, continuously enhancing the beauty and value of Hoffman Estates property, both public and private.

FINANCIAL IMPACT:

In accordance with Village budget.

RECOMMENDATION:

For discussion purposes.

COMMITTEE AGENDA ITEM

VILLAGE OF HOFFMAN ESTATES

SUBJECT: Request approval of an ordinance prohibiting the use of ground water as a potable water supply by the installation or use of potable water supply wells or by any other method

MEETING DATE: April 24, 2017

COMMITTEE: Public Works & Utilities Committee

FROM: Arthur L. Janura, Jr., Corporation Counsel



PURPOSE: Request approval of an ordinance prohibiting the use of ground water as a potable water supply by the installation or use of potable water supply wells or by any other method.

BACKGROUND: A number of years ago, there was a toxic substance environmental leak at a business located at Stonington Avenue and Hassell Road. The Illinois EPA has caused the owner to undertake remediation efforts and requires this ordinance.

DISCUSSION: The owners now want to receive a “no further remediation” designation from the Illinois EPA. Such a designation is the final step required by the IEPA and will result in the property being more economically marketable. In order for the State of Illinois to issue a no further remediation letter, it is requiring an ordinance be passed by the Village prohibiting wells to be drilled on two lots located at Stonington and Hassell. The Village prohibits potable wells anyway due to receipt of a Lake Michigan water allocation. The general prohibition of potable wells is not address/geographically specific enough for IEPA’s purposes.

RECOMMENDATION: Recommend approval of an ordinance.

VILLAGE OF HOFFMAN ESTATES

AN ORDINANCE PROHIBITING THE USE OF
GROUND WATER AS A POTABLE WATER SUPPLY
BY THE INSTALLATION OR USE OF POTABLE WATER SUPPLY
WELLS, OR BY ANY OTHER METHOD

WHEREAS, the Village of Hoffman Estates, Cook and Kane Counties, Illinois (the "*Village*") is a duly organized and existing municipal corporation created under the provisions of the laws of the State of Illinois and under the provisions of the Illinois Municipal Code, as from time to time supplemented and amended; and

WHEREAS, the Village President and Board of Trustees of the Village Hoffman Estates (the "*Corporate Authorities*") have determined that groundwater within the Village is a valuable natural resource that should be protected and preserved; and

WHEREAS, the Corporate Authorities, in enacting a Site Specific Application Process, have determined it is inappropriate to restrict in perpetuity the use of all groundwater located within the corporate boundaries of the Village (hereinafter referred to as a "*border-to-border restriction*"); and

WHEREAS, the Corporate Authorities have determined, in enacting a Site Specific Application Process, that a border-to-border restriction may lead to further contamination of groundwater by industrial and commercial activity taking place within the Village; and

WHEREAS, the Corporate Authorities, in enacting a Site Specific Application Process, have determined that the Village should consider, on a case-by-case basis, the enactment of in perpetuity restrictions on the use of contaminated groundwater that qualify as an institutional control under Title XVII of the Illinois Environmental Protection Act, Site Remediation Program, 415 ILCS 5/58 *et seq.* and Subpart J of the TIERED APPROACH TO CORRECTIVE ACTION OBJECTIVES, Institutional Controls, 35 IAC 742.1000 *et seq.* (hereinafter referred to as an "*institutional control*"); and

WHEREAS, in accordance with the Site Specific Application Process, the Corporate Authorities find that it is in the public interest and promotes the health, safety, and general welfare of the residents of the Village to establish a Restricted Groundwater Zone that will qualify as an institutional control.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Hoffman Estates, Cook and Kane Counties, Illinois, as follows:

Section 1: Definitions.

"Person" shall mean any individual, partnership, co-partnership, firm, company, limited liability company, corporation, association, joint stock company, trust, estate, political subdivision, or any other legal entity, or their legal representatives, agents or assigns.

"Potable water" shall mean any water used for human or domestic consumption, including, but not limited to, water used for drinking, bathing, swimming, washing dishes, or preparing foods.

Section 2: That the above recitals and legislative findings as found to be true and correct are hereby incorporated herein and made a part hereof, as if fully set forth in their entirety.

Section 3: The use or attempted use of groundwater as a potable water supply from within the area shown on Exhibit "A" and more particularly described in Exhibit "B", copies of such being attached hereto and made a part hereof, by the installation of wells or by any other method, is hereby prohibited.

Section 4: The prohibition contained in Section 3 of this Ordinance shall also apply to the Village of Hoffman Estates, including the operation of its water utility.

Section 5: All ordinances, resolutions, motions or orders in conflict with this Ordinance are hereby repealed to the extent of such conflict.

Section 6: If any section, paragraph, clause or provision of this Ordinance shall be held invalid or its application to any person or under any circumstances is adjudged invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

Section 7: The Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 8: This Ordinance shall be in full force and effect immediately from and after its passage and approval.

PASSED THIS _____ day of _____, 2017

VOTE	AYE	NAY	ABSENT	ABSTAIN
Trustee Karen V. Mills	_____	_____	_____	_____
Trustee Anna Newell	_____	_____	_____	_____
Trustee Gary J. Pilafas	_____	_____	_____	_____
Trustee Gary G. Stanton	_____	_____	_____	_____
Trustee Michael Gaeta	_____	_____	_____	_____
Trustee Gayle Vandenberg	_____	_____	_____	_____
President William D. McLeod	_____	_____	_____	_____

APPROVED THIS _____ DAY OF _____, 2017

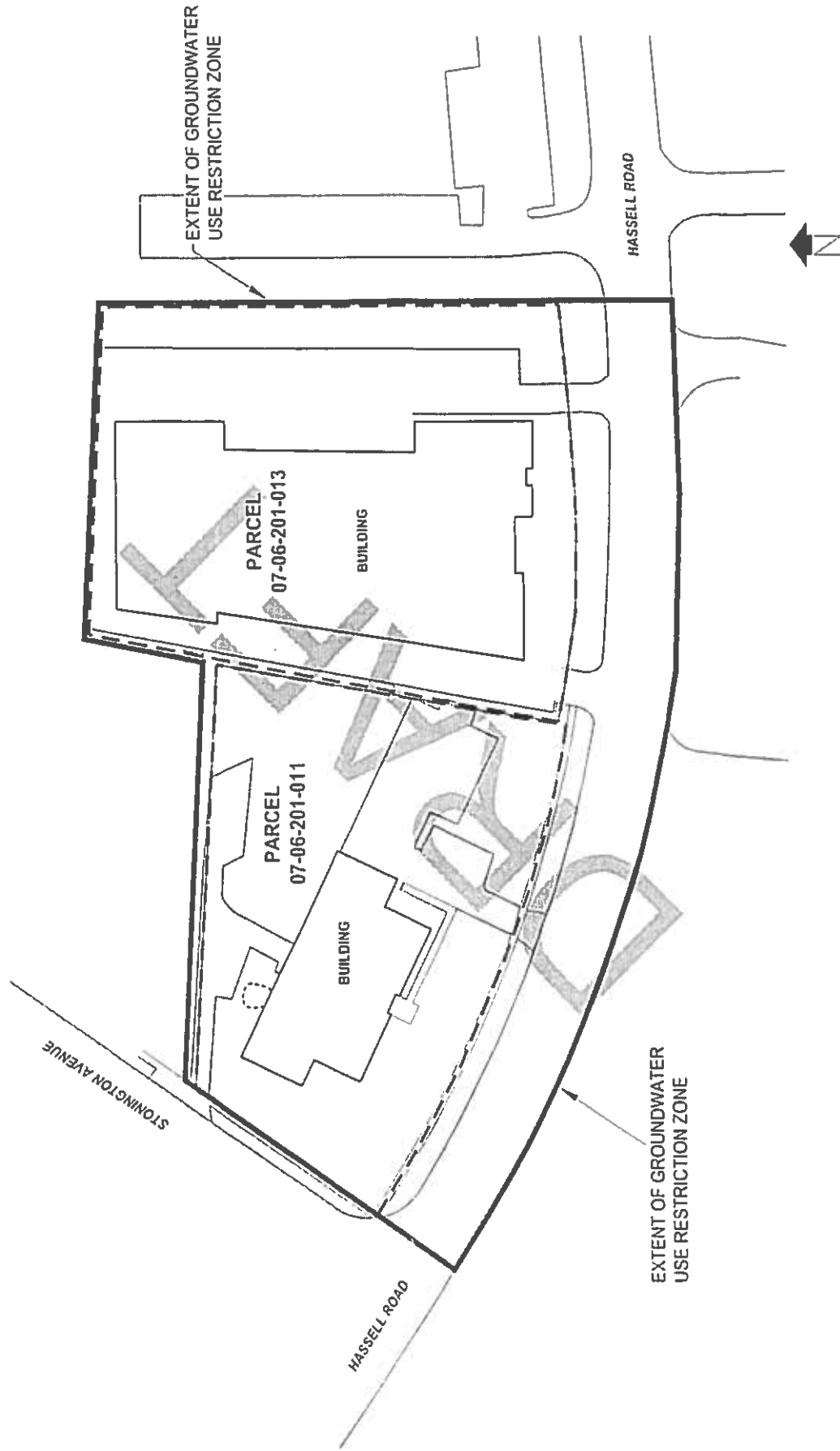
Village President

ATTEST:

Village Clerk

Published in pamphlet form this _____ day of _____, 2017.

EXHIBIT A



LEGAL DESCRIPTION

LOT 9B IN THE RESUBDIVISION OF LOT 9 IN BARRINGTON SQUARE INDUSTRIAL CENTER UNIT NO. 1, BEING A SUBDIVISION OF PART OF FRACTIONAL SECTION 6, TOWNSHIP 41 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 28, 1977 AS DOCUMENT NUMBER 24032482, IN COOK COUNTY, ILLINOIS.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approval of the locations for the 2017 Drainage Improvement Project and discussion of the Village Drainage Policy

MEETING DATE: April 24, 2017

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski

PURPOSE: Request approval of the locations for the 2017 Drainage Improvement Project and discussion of the Village Drainage Policy.

BACKGROUND: In 1992, the Village first adopted a Drainage Policy and implemented the first annual drainage improvement project to correct drainage problems in the right-of-way and on private property, when warranted, that affect the right-of-way. Past projects have typically corrected right-of-way drainage issues, such as icing conditions on the sidewalk or in the street, that require the efforts of the Public Works Department to address. The policy provides criteria to discern between Village and private drainage concerns. In the past, annual drainage projects typically have addressed two to four locations with a budget of \$25,000-\$50,000.

DISCUSSION: *Drainage Policy*
The attached Drainage Policy was last revised in April 2016 and approved by the Village Board in June 2016.

The policy provides guidelines and a framework for discussions with residents during drainage investigations and general inquiries. This policy distinguishes between projects that qualify for public funding versus those that are the responsibility of the private property owner. The policy results in most private property drainage issues remaining the responsibility of the property owner. Most of these issues can be resolved with regular maintenance of the drainage paths. Also, many of the private drainage problems are inadvertently caused by property owner improvements and changes in natural conditions over time (i.e. landscaping, sheds, raised gardens, mature trees etc.) which negatively affect drainage patterns.

DISCUSSION: (Continued)

Issues related to winter icing from sump pumps continue to be reviewed with respect to the drainage policy. It should also be noted that even with good drainage conditions, freeze-thaw cycles can produce ice dams that further aggravate icing conditions. Resident concerns include sidewalk icing that is difficult to remove and the resulting safety concerns. Staff recommends continuing to evaluate these locations on a case by case basis over time to prioritize depending on the extent of the standing water problem, the severity of icing conditions, and available funds.

The attached Drainage Policy (Revised April 2016) was reviewed by the Stormwater Management Committee on April 5, 2017 and no changes were recommended.

Future Drainage Improvement Locations

A current list of outstanding drainage improvement locations identified by Village staff is attached. The attached list is prioritized based on the criteria of the current policy. As new qualified drainage problems are identified they are added to the list, prioritized, and included in the annual drainage project as funding allows. Based on typical budget amounts for the annual Drainage Improvements Project, the current backlog of locations will remain for several years.

All of these locations have previously been confirmed by the Transportation and Engineering Division or the Public Works Department as problem areas that meet the criteria listed in the drainage policy set by the Village. The Stormwater Management Committee reviewed the Drainage Project Locations and recommended the inclusion of project locations 1, 2, and 3 for the 2017 Drainage Improvement Project. Work would commence in late summer / fall following Village Board approval. These locations were determined to be the highest priorities.

Some of the improvements required for Priority 4 cannot be fully completed without the reconstruction of a portion of Carthage Lane. Based on 2016 pavement ratings, Carthage Lane is expected to be reconstructed within the next several years. It is recommended that the full drainage improvements be made at that time within the scope of the reconstruction. A portion of the work can be completed this spring within Public Works Concrete Repairs contract with the balance of the drainage improvements for this location to be completed with the reconstruction. The work proposed this year will significantly reduce the run-off from the roadway during medium to heavy rain events. It should be noted that without additional private improvements at 200 Carthage storm water may still enter the garage during heavy rain events, even after the completion of the full drainage improvements in the right-of-way occurring with reconstruction at this location.

The current budgeted amount for these improvements is \$60,000, while the preliminary cost estimates for locations 1, 2 and 3 total \$55,000. Additional locations will be considered to be included if additional funds become available. The additional locations would be chosen based on the priorities of the Drainage Project Locations list.

FINANCIAL IMPACT:

The proposed project locations are estimated to be completed within the \$60,000 budget. The preliminary cost estimate for locations 1, 2, and 3 is \$55,000.

RECOMMENDATION:

Request approval of three locations for the 2017 Drainage Improvement Project.

Attachments

**Village of Hoffman Estates
Drainage Policy
Revised April 2016**

The Village originally adopted the Annual Drainage Improvement Project to correct drainage problems in the right-of-way (ROW) or locations on private property that meet the strict criteria listed below. The priority for projects that meet the criteria shall be as follow:

1. Specific drainage issue that causes property damage
2. Number of properties affected
3. Severity of icing/standing water

It is noted that standing water is not considered a problem unless it exists for longer than a 24-hour period after a rain event.

The drainage criteria for inclusion in the annual Drainage Improvement Project are:

1. Drainage problems caused by deficiencies in the public right-of-way drainage systems.
2. Drainage/icing problems within the right-of-way that are caused by excessive offsite run-off.
3. Drainage problems within the right-of-way that cannot be resolved with minor grading between the sidewalk and curb due to "back-pitched" conditions. Parkway heaving is common and can usually be addressed by minor regrading which is considered routine maintenance. If it is determined that there is the ability to grade between the sidewalk and the street to resolve the problem then the adjacent property owner is responsible.
4. Drainage problems that result from inherent design problems that were not fully resolved by the developer before final acceptance of a new development. The issues shall be identified within 5 years of subdivision acceptance and cannot be the result of changes to the property by the homeowner.

Maintenance responsibilities for the special circumstances in Parcel A (South of Golf, North of Higgins, East of Roselle) are described below:

1. Roadside swales in Parcel A will be maintained as part of the public drainage system. Any shoreline stabilization on private property such as along the creek in Parcel A is the responsibility of the adjacent property owner. Technical advice is available from the Village to assist the residents with stabilization methods.
2. There shall be no filling of any roadside swales in Parcel A. The Parcel A roadside swales hold considerable water during heavy rain events and compensate for the lack of detention in this subdivision. Filling in the roadside swales could cause flooding in this subdivision.
3. All routine maintenance of the driveway culverts in Parcel A is the responsibility of the homeowner and includes repairs, patching, cleaning and replacement. Since Parcel A is unique within the Village with driveway culverts, the Village provides a new driveway culvert pipe when the old pipe is replaced by the resident or their contractor. If driveway culvert replacement is necessary as part of a roadside ditch improvement project, then the Village will replace the culvert.

Drainage problems are typically identified through drainage investigations by the Transportation and Engineering Division when brought to our attention by residents. The Transportation and Engineering Division will provide technical guidance in solving private property drainage issues. In general, solutions to these drainage problems usually involve regrading and/or installation of storm sewers or pipe underdrains. It is noted that all private or backyard storm sewers or drain tiles must connect to a Village storm sewer. Private backyard drains must not discharge at the sidewalk, curb, or near the property line. If a Village storm sewer is not available, only systems deemed to not cause public nuisance will be approved by permit from the Village Engineer

The Drainage Improvement Policy will continue to be reviewed annually and updated as necessary.

Drainage Project Locations

Mar-17

PRIORITY	LOCATION	INITIAL DATE	DESCRIPTION	SOLUTION	COST
1	220 Aster Lane	2016	Offsite flow from Golf Road storm sewer system drains through back and side yard swale at high velocity causing erosion.	Install pipe to handle low flow and regrade swale to correct erosion.	\$25,000
2	4085 Whispering Trails Drive	2016	Multiple lots drain through backyard and west sideyard. Low slope of street and lack of storm inlets causes significant street icing throughout winter.	Install drainage to collect flow from sideyard and connect to sewer. Add additional inlet in street to capture flow further upstream.	\$15,000
3	1585 Westbury Drive	2010	Sump pump and overland drainage from multiple lots causes icing on sidewalk.	Add perforated pipe to nearby inlet and connect sump pump	\$15,000
4	200 Carthage Lane	2016	Sidewalk lower than street across most of lot. Garage is taking on water in heavy rains, run-off from ROW contributing. Major drainage problem with lot. see file.	Replace dipped sidewalk, new apron, grade parkway to create slope from sidewalk to street. Lot will still have backpitched condition from sidewalk to house.	\$10,000
5	1376 Fox Path	2014	Offsite flow from multiple lots drains thru back yards and close to house	Install perforated pipe to inlet.	\$7,500
6	580 Aster Lane	2011	Basswood ditch is flat and does not drain	Regrade across two lots.	\$5,000
7	4135/4137 Crimson Drive	2000/2014	Sidewalk installed by Park District compromised overland flow path causing water to collect in street and ROW to a higher elevation before draining into park.	Reinstall sidewalk and regrade.	\$20,000
8	Estates of Deer Crossing	2014	Overland flow ditch needs routine maintenance to function properly without causing flooding to Deer Crossing residents.	Remove existing field pipe and regrade ditch.	\$15,000
9	1426 Fox Path	2015	Offsite flow from large wooded area drains thru back yards and close to house	Install perforated pipe to inlet.	\$7,500
10	5574/5584 Red Oak Drive	2011	Offsite flow from large wooded area drains thru back yards	Install perforated pipe from inlet at the corner to the problem area. Must investigate further.	\$7,500
11	1623 Acorn Drive	2011	Offsite flow from large wooded area drains thru back yards	Install a high velocity swale through the back yard. Must investigate further.	\$7,500
12	1775 Ida Road	2012	Back-pitched and settled parkway does not drain	Replace sidewalk and regrade parkway.	\$5,000
13	480 Northview	N/A	Critical overland flow path in sideyard is very close to elevation of adjacent homes	Performance of overland flow path must be continually monitored and regraded as necessary.	\$15,000
14	Evergreen Lake	2013	Siltation from water flow causing a problem.	Add storm sewer and manhole.	\$30,000
				TOTAL	\$185,000

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for 2017 Sidewalk Raising/Mudjacking Program to Raise Rite of Carol Stream, IL (low bid) at a unit price of \$1.97 per square foot for sidewalk, in an amount not to exceed \$30,000.

MEETING DATE: April 24, 2017

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works
Kevin McGraw, Customer Service Supervisor

PURPOSE: To provide contracted services for 2017 Sidewalk Raising/Mudjacking program.

BACKGROUND: In an effort to lower costs for repairing sinking sidewalk squares that are still in good condition overall, the department began a pilot test program 2 years ago involving the leveling of squares by way of a process called mudjacking. It has proven to be a successful method to reduce sidewalk improvement costs and a very viable option to sidewalk square replacement.

DISCUSSION: Bids for Concrete Maintenance/Restoration were opened, at 10:30 a.m. on March 16, 2017. Proposals were received from two (2) contractors. Unit cost per square foot for sidewalk raising were reviewed and results of the bid opening are attached.

The low bidder, Raise-Rite Concrete lifting has not performed concrete raising/mudjacking for the Village in the past. Municipal references provided by Raise Rite were contacted and produced very favorable responses from the following municipalities: Village of Elk Grove, Village of Riverside, Homer Township, and the City of St. Charles. Each community indicated satisfaction with the contractor's work quality and the timeliness of their service delivery. All indicated that they are currently using or would rehire this firm for future concrete maintenance needs.

FINANCIAL IMPACT:

Budgeted funding for 2017 provides for a total of \$30,000, in the Capital Improvement fund for sidewalk raising/mudjacking.

RECOMMENDATION:

Request authorization to award contract for 2017 Concrete Raising/Mudjacking program to Raise-Rite Companies, Inc. Carol Stream, IL (low bid) at a unit price of \$1.97 per square foot.

Note: Complete bid documents are in the white Public Works & Utilities binder in the trustee's ante room.

VILLAGE OF HOFFMAN ESTATES
 DEPARTMENT OF PUBLIC WORKS
 TABULATION OF BIDS FOR
 2017 Sidewalk Raising / Mudjacking

Bid Opening Date: 03/16/17
 Time: 10:30AM
 Attended by: Kevin McGraw

Firm: Address: Phone: Fax: E-mail: Contact:		Raise Rite 195 Kehoe Blvd #5 Carol Stream, IL 60188 630-665-1345 630-665-1794 Joyce Stutz Check \$500.00 Yes Yes Yes	AAA Concrete Raising 3 Golf Center Hoffman Estates, IL 630-788-4900 John Metallo Check \$500.00 No No Yes
Bid Deposit: Amount of Deposit Received: Bid Certification Form Notarized: Substance Abuse Prevention Certificate: References Provided:			
Items		Unit Price Total	Unit Price Total
Primary Bid 2017			
Unit Price/Square Foot		\$1.97	\$2.10
Lump Sum Based on 14,000 Sq. Ft.		\$27,580.00	\$29,400.00
Alternate Bid 2018			
Unit Price/Square Foot		\$2.00	\$2.15
Lump Sum Based on 14,000 Sq. Ft.		\$28,000.00	\$30,100.00
Alternate Bid 2019			
Unit Price/Square Foot		\$2.03	\$2.25
Lump Sum Based on 14,000 Sq. Ft.		\$28,420.00	\$31,500.00
Total Bid			
Total Bid			

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to waive bidding and purchase replacement backhoe loader for Unit #56 through Westside Tractor, Wauconda, IL, in an amount not to exceed \$148,206.62.

MEETING DATE: April 24, 2017

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel

PURPOSE: To request authorization to waive bidding and purchase budget allocated replacement backhoe for water and sewer underground excavation work.

BACKGROUND: Included within the 2017 budget is to replacement of current fleet Unit #56, a sixteen-year-old John Deere backhoe loader equipped for excavation work. The Village currently owns and operates two backhoe loaders.

DISCUSSION: West Side Tractor is a participant in the NJPA purchasing cooperative. The Village joined National Joint Powers Alliance (NJPA) in 2010 and recently used the NJPA discount pricing in 2017 for the up fitting of two dump truck chassis with similar discount pricing. West Side Tractor is the local distributor of John Deere equipment and the supplier of the department's other backhoe loader purchased in year 2008. John Deere backhoes have been used by our department for over 30 years with outstanding performance. The suggested list price for the 2017 John Deere 410L backhoe is \$178,847. Additional options requested on the backhoe include a hydraulic power coupler for both front and rear attachments, a 24" JAW bucket, 18" HD bucket, 1.5 yard bucket, forks, and hydraulic accessories. The total purchase price with options, freight and delivery with the NJPA discounted price is \$148,206.62.

FINANCIAL IMPACT:

A total of \$150,000 is budgeted in 2017 for this purchase. The purchase recommendation yields a positive balance of \$1,793.38.

RECOMMENDATION:

Request authorization to waive bidding and purchase replacement backhoe loader for Unit #56 through Westside Tractor, Wauconda, IL, in an amount not to exceed \$148,206.62.



JOHN DEERE



Company Name Hoffman Estates
Attn: Jeff Allen
Address 1 2405 Pembroke Ave
Address 2
City, State Zip Hoffman Estates IL 60195
Phone (847) 781-2719

April 20, 2017

John Deere 410L Backhoe
NJPA Cooperative Contract 032515-JDC.

All the prices in the detailed sections are Per machine basis.

Machine Configuration

Code	Description	Qty	Unit Price
0AB0T	410L BACKHOE LOADER	1	125,375.00
1065	ENGINE FT4	1	14,820.00
1700	JDLINK ULT W/850/1900MHZ 3YR	1	IN BASE
2035	CAB	1	12,889.00
2401	DECAL ENG W/ENG PACKET	1	IN BASE
3065	AXLE MFWD W/LIMITED SLIP	1	IN BASE
4782	TIRE ML500/70R24,ML340/80R18	1	2,282.00
5285	CONTROL PILOT	1	2,594.00
5400	COUPLER LESS	1	IN BASE
5600	LESS BH BUCKET W/PINS	1	IN BASE
6020	DIPPER EXTENDABLE	1	8,141.00
6230	HYD,AUX W/I&2WAY FLOW,	1	5,196.00
7025	LDR 1 LEVER, NO AUX	1	IN BASE
7600	LESS LOADER BUCKET W/PINS	1	IN BASE
8485	COUNTERWEIGHT 1250LB.	1	1,711.00
8685	BATTERY DUAL W/JUMP POST	1	529.00
9060	MIRRORS INTERIOR	1	80.00
9080	HEATER ENGINE COOLANT 110V	1	167.00
9110	RIDE CONTROL	1	1,935.00
9116	ROOF W/LED LIGHTS	1	1,025.00
9515	FLUID SAMPLING PORTS	1	201.00
9916	RADIO PREMIUM PACKAGE	1	1,320.00
9919	SUN VISOR	1	92.00
9965	SEAT AIR SUSPENSION CLOTH	1	490.00
Total			\$ 178,847.00
Discount 44%			\$ 78,692.68
Net Price			\$ 100,154.32

Custom Jobs

Code	Description	Qty	Price
AT323580	BOOM PROTECTION PLATE (NU)	1	\$ 622.70
AT431340	ANTI-WAG KIT	1	\$ 308.10
AT434236	BUMPER GRILLE FRAME FK	1	\$ 53.95
AT448428	HAND HELD HYDRAULICS	1	\$ 290.55
AT451194	PIVOTABLE BEACON BRACKET	1	\$ 65.00

Dlr provide JRB Hyd Coupler	1	\$ 3,392.00
Dlr provide JRB 1.5 YD GP Bucket	1	\$ 4,450.00
Dlr provide JRB 60" Const Forks	1	\$ 3,091.00
Dlr provide AutoLube	1	\$ 6,777.00
Dlr provide Wain Roy Hyd Coupler	1	\$ 3,010.00
Dlr provide Wain Roy 24" JAW Bucket	1	\$ 5,820.00
Dlr provide Wain Roy 18" HD Bucket	1	\$ 930.00
Dlr provide 7 Sets of Stucchi Couplers	1	\$ 3,300.00
Dlr provide Test Manual	1	\$ 590.00
Dlr provide Service Manual	1	\$ 120.00
Dlr provide 4 Razor Beacons	1	\$ 360.00
Dlr provide Permanant Pount Beacon	1	\$ 180.00
Dlr Installs	1	\$ 5,233.00
Atlas Copco LHD23M Hammer Drill	1	\$ 3,770.00
Atlas Copco LWP2 2" Hydraulic pump w/33' Discharge Hose	1	\$ 2,112.00
Atlas Copco 924602054 50' 1/2" Hydraulic Hose	1	\$ 969.00
Dlr provide Pre-Delivery Inspection	1	\$ 1,372.00
Dlr provide Local Delivery	1	\$ 600.00
	Total	\$ 47,416.30

Quote Summary - (per unit)

Item Description	Prices
Machine Net Price	\$ 100,154.32
Custom Jobs	\$ 47,416.30
Price per Machine	\$ 147,570.62

Destination	Freight Charge
Wauconda, IL	\$636.00

Total Net Price Quantity (1) \$ 148,206.62

Warranty Terms

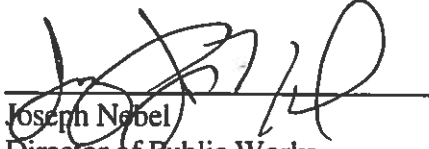
410L includes Standard Warranty of 12 months.

Remarks:

Please note that this quote is valid for 30 days. Purchase cards are accepted -- a 3% transaction fee will be
Chris Mazzoni - Sales Representative West Side Tractor - (630) 816-5001 - cmazzoni@westsidetractorsales.com



VILLAGE OF HOFFMAN ESTATES
DEPARTMENT OF PUBLIC WORKS
MARCH 2017 MONTHLY REPORT
SUBMITTED TO: Public Works Committee
April 2017


 Joseph Nobel
 Director of Public Works


 Kelly Karr
 Assistant Director of Public Works

MAJOR PROJECT STATUS

2017 Sanitary Sewer Rehabilitation

On March 6, 2017 the Village Board approved a contract for 2017 sanitary sewer rehabilitation with Visu-Sewer of Illinois, LLC. The first phase of the 2017 contracted work included installation of 13 manholes to replace existing lamp holes, rehabilitation of 6 leaking manholes, replacing failed and collapsed sewer sections through excavation and CIPP (Cured-in-Place Pipe) lining of approximately 19,000 feet of deteriorated sewer mains. A pre-construction meeting was scheduled for April 7, 2017 and the construction will start the week of April 24.

Tollway Widening Project: Update

The following is a brief update of what is being done to avoid construction conflicts to utility lines effected by the Tollway expansion project:

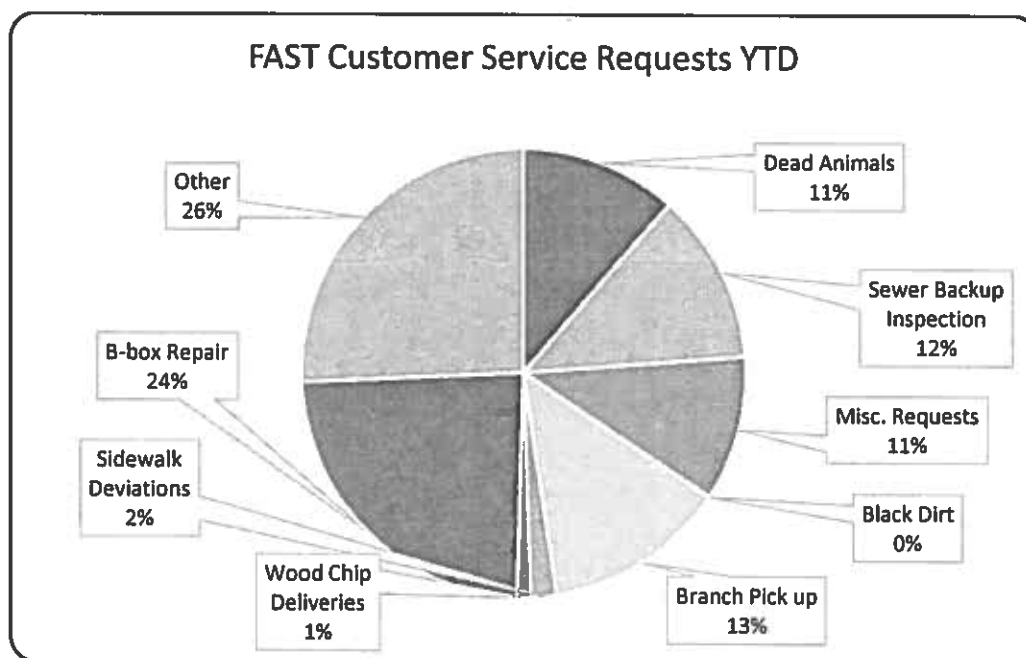
1. 12" sanitary sewer force main for Pfizer lift station is near AT&T site. No conflicts have been detected through potholes that require major work as of **March 31, 2017**.
2. 12" water main crossing I-90 Tollway north of the Village Hall. No conflicts have been detected through potholes that require major work as of **March 31, 2017**.
3. 16" transmission water main crossing I-90 Tollway north of the Eisenhower School for Ela Road water mains. No conflicts have been detected through potholes that requires major work as of **March 31, 2017**.
4. 4" sanitary sewer force main for Thomas lift station south of the Thomas Engineering site in conflict with retaining wall and proposed JAWA relocation. The 30" casing pipe was extended north as part of the Tollway construction. Tollway contractor contacted staff to present the option not to extend the casing pipe at the south. Review by staff and consultant engineer indicates the option acceptable as long as Tollway provides written authorization that excavation can occur directly against Tollway's retaining wall. A letter has been sent to Tollway and a response from Tollway is pending. Tollway requested the contractor to schedule the casing pipe extension and the work is pending. Staff provided as-built plans and easement drawings to Tollway engineers again. Staff is waiting for the schedule of construction from the contractor.

Customer Services

Fast Action Service Team (FAST):

1. Received and placed 400 tons of salt into storage;
2. Made permanent repairs on 11 resident mailboxes;
3. Prepared for 2017 weekly electronics recycling program;
4. Assisted in the removal of augers and spinners from large plow trucks.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
32	28	39										99



Customer Service Team:

1. Installed 4 compound meters/UMEs;
2. Removed 10 water meters from Hoffman Plaza prior to demolition.

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
66	56	38										160
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
217	192	229										638
Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
121	114	98										333

New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	4	4										11
Residential Cross Connection Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
83	86	92										261
Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
36	13	14										63
Meter Change-outs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
22	14	32										68
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0										0

Utility Locates Team:

1. Provided oversight and support for Nicor service line replacements (approximately 220 of 869 complete);
2. Continued providing locates for new subdivisions, Devonshire Woods and Amber Meadows;
3. Conducted locates on the Golf Road force main to prepare for installation of new state-owned street lights.

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
390	597	833										1820
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
29	13	26										68
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	3										6

Facilities

1. Repaired sump pumps at Fire 23;
2. Finished sprinkler project with Monarch Sprinkler at Fire 22;
3. Installed new warehouse door #3 at Fleet Services building;
4. Installed new piping at Village Hall for condenser pump drain;
5. Installed new wiring for pit pump at Village Hall;
6. Installed additional work station in General Government office area.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
84	86	114										284

Fleet Services

1. Prepared vehicle specifications for PW Unit 54 replacement;
2. Staff assistant received 12 hours of CFA web-based training.

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
24	20	32										76
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	4	3										8

Forestry

1. Participated in disaster IPWMAN tornado clean up in Naplate, IL;
2. Performed stump grinding, and clean up;
3. Performed field inventory verification and correction;
4. Attended chainsaw safety training at Arlington Power;
5. Made preparations for contractor mowing season start;
6. Made spring preparations to the village garden plots;
7. Made preparations for spring planting program.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
9	16	23										48

Maintenance & Construction

Storm Sewer Team:

1. Continued extensive creek line cleaning in the Concord Lane flow area;
2. Performed Village-wide monthly outflow checks and cleaning;
3. Installed drain tile into storm structure at 685 Baxter Lane;
4. Rebuilt storm manhole at 2160 Stonington Avenue.

Storm Sewer Team												
Feet of Storm Sewer Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2,400	0	250										2,650
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0										0

Construction/Maintenance Team:

- 1) Performed water main repairs at 2465 Pembroke Avenue and Ela Road right-of-way;
- 2) Continued construction oversight and water shut down services for Ela Road contracted water main replacement;
- 3) Performed concrete restoration work for 14 previous water/sewer system repairs.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	5	6										12
Hydrant Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	0	1										4
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	4										7
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	2	2										10

Traffic Operations

Pavement Maintenance Team:

1. Coordinated monthly tailgate, confined space, trench shoring, HAZMAT, blood borne pathogens, lockout, fall protection, and IDOT flagger training and audiogram testing;
2. Performed 2017 contractor pavement marking project;
3. Updated Public Works job safety analysis;
4. Continued pot hole patching throughout Village.

Pavement Maintenance Team												
Tons of Hot Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0.0	0.0	0.0										0.0
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11.5	9.5	11.0										32.0

Sign Team:

1. Replaced 5 signs due to vandalism and wind damage;
2. Performed type II reposting on: Northview Lane, Gentry Road, Ashley Road, and Oakdale Drive;
3. Assisted with pot hole patching at several Village locations;
4. Performed sign straightening at a number of Village locations;
5. Fabricated and assembled (8) "No Parade Parking" signs for 4th Fest;
6. Fabricated, assembled, and installed (8) joint commission "Monet, Manet, Renoir" signs;

7. Fabricated and assembled (1) retirement sign for the Police Department.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
10	12	5										27
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
34	126	30										190

Street Light Team:

1. Notified ComEd of a street light out under their jurisdiction;
2. Installed seasonal banners throughout the Village.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	1	11										15
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
17	28	48										93

Water Operations

Operations Team:

1. Installed 4 new JAWA Pit Master water meters;
2. Supplies small generator to Sears Centre for event trailer.

Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	0										3

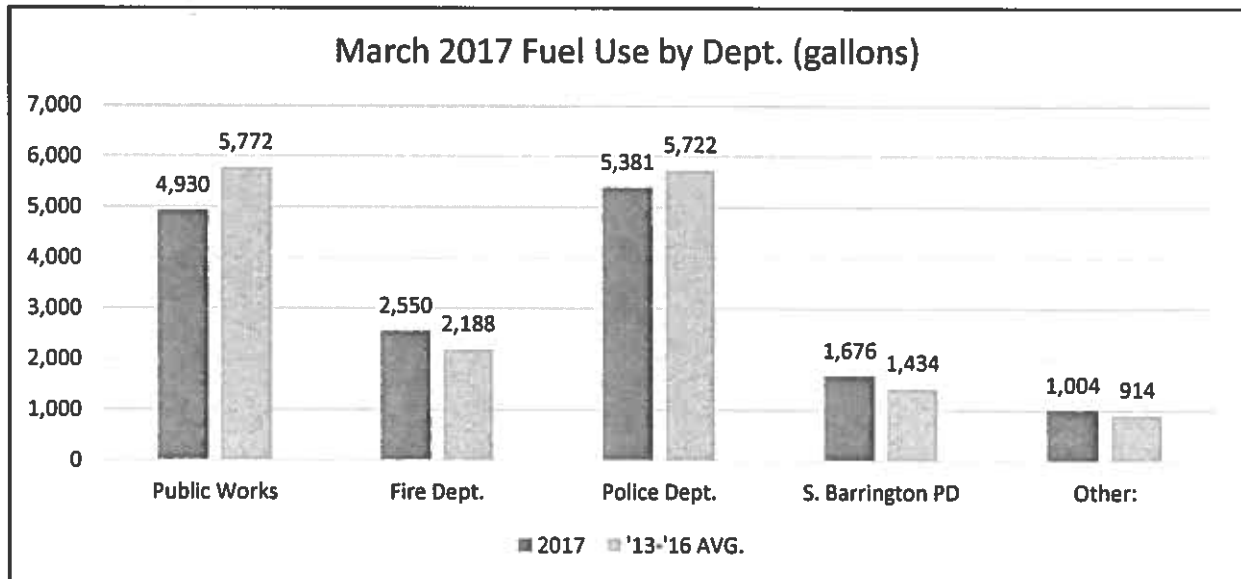
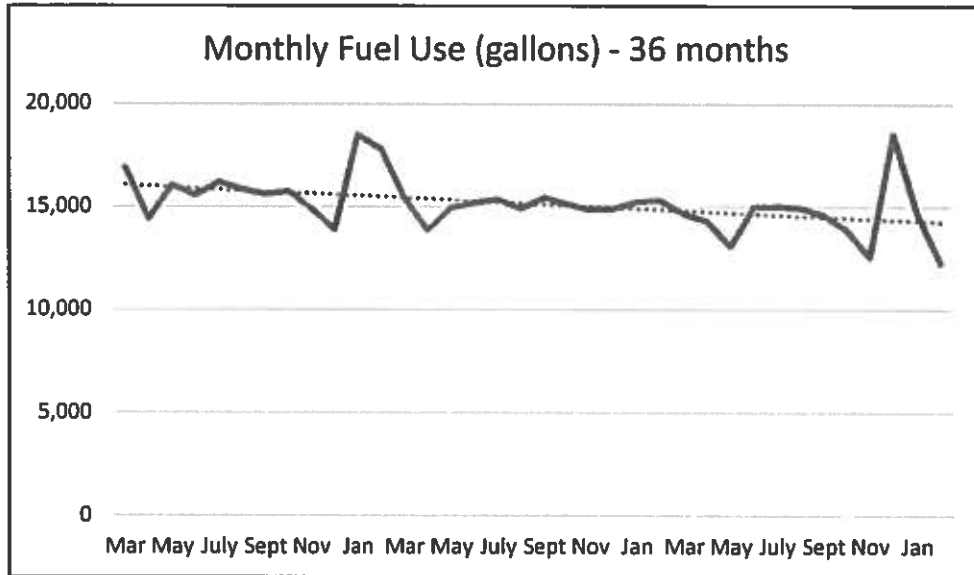
Sanitary Sewer Flow Management Team:

1. Continued preparations for the 2017 sanitary sewer rehabilitation program;
2. Assisted with pulling pumps at Barrington Square and WDA lift stations;
3. Cleared sanitary blockage on Moon Lake boulevard;
4. Assisted with repair of Casey Farms lift station;
5. Cleared restriction from Fire Station 23 service line.

Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8,119	1,820	1,791										11,730

Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
836	360	224										1,420

Fuel Use Report





Illinois Public Works Mutual Aid Network
P.O.Box 898
St. Charles, IL 60174
630-443-8145
www.ipwman.org

March 22, 2017

Dear IPWMAN Member,

On behalf of the Illinois Public Works Mutual Aid Network, I would like to extend my gratitude to your organization for your recent response to the towns of Naplate and Ottawa. In speaking with the Mayors and Public Works officials of the communities, they are grateful to everyone and every organization that pitched in to help them. Over 40 of our member agencies, including your own, responded to the request for assistance and provided the much needed aid. I know some of your organizations even worked with the communities over the weekend to continue with the debris management operations, which again is a true demonstration of the commitment of your organization to helping bring some normalcy back to the impacted member.

The response truly demonstrated how intergovernmental agreements can work and why this organization was founded. It also showed why the principles of mutual aid, is so vitally important when a natural or man-made disaster or major emergency impacts one of our communities, and that mutual aid is not only for the Police and Fire but for Public Works as well.

Since the inception of IPWMAN in 2009 with our 3 original members, the Network has never failed to provide mutual aid to a stricken community when requested. The network has provided over \$2.5 million dollars in documented aid and as the organization has grown, the amount of available specialized equipment, experienced operators, and professional support personnel has also grown so there is a tremendous amount of resources available when the time comes.

I hope that you share this letter with all of your elected officials and remind them that IPWMAN will be there for your community when the need arises. Thank you and we look forward to working with you in 2017.

Sincerely,

Don Wenzel, President
Illinois Public Works Mutual Aid Network

**ENGINEERING REPORT OF THE
TRANSPORTATION AND ENGINEERING DIVISION
DEPARTMENT OF DEVELOPMENT SERVICES
APRIL MONTHLY REPORT**

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending April 21, 2017.



Alan Wenderski, P.E.
Village Engineer

MISCELLANEOUS

Summary of miscellaneous items:

- Pavement Conditions Ratings (PCR) inspections began this month and approximately 35% of the Village has been completed to date.
- Engineering plan review for:
 - Hoffman Plaza (MWRD Revisions)
 - Enclave Clubhouse
- 18 permit inspections
- 17 residential drainage investigations
- Reviewed permits for:
 - 2 – Additions
 - 1 – Lighting
 - 4 – Drainage
 - 1 – Detached Garage
- Plan/permit review related to residential development:
 - 9 – permit plats
 - 5 – top of foundation plats
 - 2 – temporary certificate of occupancy

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2016 Crack Sealing Project	Punch list cleanup work has been completed. Village Project Manager – Shelley Walenga
2016 Drainage Improvement Project	All work complete. Re-inspection of sod/seed restoration to take place in spring 2017. Village Project Manager – Shelley Walenga
2017 Drainage Improvement Project	Survey work completed for various future locations. Actual locations for 2017 project not yet determined. Village Project Manager – Shelley Walenga
2016 Street Revitalization Project	All work is complete. Re-inspection of sod/seed restoration ongoing. Village Project Manager – Marty Salerno
2017 Street Revitalization Project	Awarded to Arrow Road Construction on April 17. Awaiting signed contracts. Resident Open House meeting to be held at Village Hall on April 27 th (6:30 to 7:30 pm). Preconstruction meeting with contractor scheduled for week of April 24 th ; work is expected to begin during the week of May 1 st . Village Project Manager – Marty Salerno

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
Bode Road / Harmon Boulevard STP Resurfacing Project	The resurfacing of Bode Road from Woodlawn Street to Roselle Road and Harmon Boulevard from Bode Road to Golf Road is planned for 2017 construction. Design engineering contracted to Ciorba Group. 80% of construction and construction engineering will be funded by the STP. Scheduled for April 28 th IDOT letting with construction beginning by early July. Final engineering and funding agreements submitted to IDOT and awaiting approval. Village Project Manager – Joe Weesner
Grand Canyon Storm Sewer Project	Work is complete; punch list work remains. Chastain & Associates is serving as Phase III engineer. Village Project Manager – Alan Wenderski
Hillcrest / Moon Lake Boulevard STP Resurfacing Project	Work is complete; punch list work to resume in the spring. Engineering Resource Associates is serving as Phase III engineer. Village Project Manager – Joe Weesner / Alan Wenderski
Hoffman Boulevard Bridge North Parapet Wall Repair Project	Hampton, Lenzini and Renwick, Inc. (HLR) to provide design engineering and construction inspection services. Agreement with HLR executed on February 13 th . Design kick-off meeting with HLR and staff held on February 21 st . Construction expected to commence in late summer/early fall 2017. Design work ongoing. Village Project Manager – Alan Wenderski
West Berkley Lane Storm Sewer Project	The replacement of 54-inch Corrugated Metal Pipe (CMP) along West Berkley Lane from Washington Boulevard to Spring Mill Drive. Construction scheduled for summer/fall 2017. Design engineering and construction inspection services awarded to Chastain & Associates on December 5 th . Phase II design work ongoing. Staff completed review of preliminary plans. Village Project Manager – Alan Wenderski

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Acura Dealership 1149 West Golf Road	Review of As-Built drawings complete. Temporary CO, minor punch list items to be completed in the spring. Village Project Manager – Terry White
Adesa Auto Auction 5407 Trillium Boulevard	Completion of Beverly Rd path and punch list work expected to resume week of April 24 th . Village Project Manager – Terry White

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Animal Hospital Barrington Square 2370 West Higgins Road	Storm sewer installation completed and parking lot construction is ongoing. Remaining sewer/water connections to begin shortly. Village Project Manager – Terry White
Burger King Restaurant 2599 West Higgins Road	Temporary CO issued. Awaiting As-Built drawings and sign-off of ROW permit from IDOT. Village Project Manager – Terry White
CMIC Labs (Formerly JCL Bioassay) Prairie Stone 2860 Forbs Avenue	Water main relocation work completed. Building work ongoing. Completion of bio-swale and restoration expected within the next few weeks. Village Project Manager – Terry White
Culvers Prairie Stone 4665 Hoffman Boulevard	Awaiting As-Built drawing revisions. Village Project Manager – Terry White
Denny's Prairie Stone Crossing 4690 Hoffman Boulevard	Second review of final engineering plans completed. Village Project Manager – Alan Wenderski
Dunkin Donuts Huntington Plaza	Proposed Dunkin Donuts to be located in an outlot of Huntington Plaza, near the Northeast corner of Algonquin Road/Huntington Boulevard. 2 nd round of plan review completed. Village Project Manager – Alan Wenderski
Hoffman Plaza Higgins and Roselle 1001-1067 Roselle Road	Reviewing utility plan revisions required by MWRD. Village Project Manager – Alan Wenderski
Main Event Prairie Stone 2575 Pratum Avenue	Monitoring bio-retention throughout spring. Village Project Manager – Terry White
Trumpf H90 1900 West Central Road	Site work substantially completed. Building work is ongoing. Awaiting final inspection for sewer and stormwater detention with MWRD. Village Project Manager – Terry White

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Airdrie Estates NE Corner of McDonough Road and Rohrssen Road	Clearing of brush and removal of approved trees began week of March 20 th . Village Project Manager – Terry White / Oscar Gomez
Amber Meadows NE Corner of Essex Drive and Beacon Pointe Drive	Mass grading and sewer/water utility connection work in progress. Village Project Manager – Oscar Gomez

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Bergman Pointe NW Corner of Ela Road and Algonquin Road	Home building in Phase 1 and 2 is ongoing. Phase 1 and 2 roadway completed to binder. Revised grading plan for Phase 2 submitted and reviewed. Village Project Manager – Terry White
Bradwell Estates	Inspection of existing punch list items completed on April 17 th and sent to developer. Expect punch list work to resume by end of April. Acceptance process to begin upon completion of all punch list items. Village Project Manager – Terry White
Devonshire Woods SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. The southern portion of Bur Oak Drive has been completed to the first lift of pavement. Clearing of brush and approved trees in southern portion of Bur Oak Drive ongoing. Village Project Manager – Terry White / Oscar Gomez
Shannon Estates (Village of Schaumburg)	Single family home development in Village of Schaumburg on the south side of Thacker Street between Roselle Road and Pleasant Street. Sidewalk and driveway apron inspections ongoing. Disconnection of existing Schaumburg sanitary completed. Permit for street light installation submitted and approved. Village Project Manager – Terry White