

**AGENDA**  
**PUBLIC WORKS & UTILITIES COMMITTEE**  
**Village of Hoffman Estates**  
**May 15, 2017**

**Immediately following Finance Committee**

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

- I. Roll Call**
- II. Approval of Minutes – April 24, 2017**

**NEW BUSINESS**

- 1. Request approval of Ordinance naming Director and Alternate Director to the Northwest Suburban Municipal Joint Action Water Agency.
  - 2. Request approval of Ordinance naming Director and Alternate Directors to the Solid Waste Agency of Northern Cook County.
  - 3. Request authorization to award contract for 2017 Contracted Parkway Tree Trimming Program to Winkler's Tree & Landscaping Inc., LaGrange, IL (low bid), in an amount not to exceed \$50,000.
  - 4. Request authorization to award contract for a replacement Closed Circuit Security and Mobile Event Camera System for the Village of Hoffman Estates to Pace Systems Inc., Naperville, IL, in a total amount not to exceed \$866,111.
  - 5. Request acceptance of the Department of Public Works Monthly Report.
  - 6. 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**

April 24, 2017

**I. Roll call**

**Members in Attendance:**

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

**Management Team Members  
in Attendance:**

**Jim Norris, Village Manager  
Arthur Janura, Corporation Counsel  
Dan O'Malley, Deputy Village Manager  
Mark Koplín, Asst. Village Mgr., Dev. Services  
Ted Bos, Police Chief  
Jeff Jorian, Fire Chief  
Joe Nebel, Director of Public Works  
Al Wenderski, Director of Engineering  
Kevin Kramer, EDA Coordinator  
Rachel Musiala, Director of Finance  
Fred Besenhoffer, Director of IS  
Monica Saavedra, Director of HHS  
Ben Gibbs, GM Sears Centre Arena  
Patti Cross, Asst. Corporation Counsel  
Suzanne Ostrovsky, Asst. to Village Manager  
Jordan Lester, Administrative Intern  
Bruce Anderson, CATV Coordinator**

The Public Works & Utilities Committee meeting was called to order at 7:23 p.m.

**II. Approval of Minutes**

Motion by Trustee Gaeta, seconded by Mayor McLeod, to approve the minutes of the Public Works & Utilities Committee meeting of March 27, 2017. Roll call vote taken. All ayes (Abstain: Vandenberg). Motion carried.

**NEW BUSINESS**

**1. Discussion regarding Tree City USA recognition.**

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

Kelly Kerr, Assistant Director of Public Works, reported that the Village was awarded Tree City USA recognition for our 26<sup>th</sup> year.

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.**

An item summary sheet from Art Janura was presented to Committee.

Motion by Trustee Gaeta, seconded by Mayor McLeod, to approve 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. Roll call vote taken. All ayes. Motion carried.

3. **Request approval of the locations for the 2017 drainage improvement project and discussion of the Village Drainage Policy.**

An item summary sheet from Al Wenderski was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to approve locations for the 2017 drainage improvement project. Roll call vote taken. All ayes. Motion carried.

4. **Request authorization to award contract for 2017 sidewalk raising/mudjacking program to Raise Rite, 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.**

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 sidewalk raising/mudjacking program to Raise Rite, 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. Roll call vote taken. All ayes. Motion carried.

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.**

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

Motion by Trustee Gaeta, seconded by Mayor McLeod, 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. Roll call vote taken. All ayes. Motion carried.

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

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

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

**7. 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 Vandenberg, to accept the Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division. Roll call vote taken. All ayes. Motion carried.

- III. President's Report**
- IV. Other**
- V. Items in Review**
- VI. Adjournment**

Motion by Trustee Gaeta, seconded by Mayor McLeod, to adjourn the meeting at 7:32 p.m. Roll call vote taken. All ayes. Motion carried.

Minutes submitted by:

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Debbie Schoop, Executive Assistant

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Date

# COMMITTEE AGENDA ITEM

## VILLAGE OF HOFFMAN ESTATES

**SUBJECT:** Appointment of Director and Alternate Director to the Northwest Suburban Municipal Joint Action Water Agency (JAWA)

**MEETING DATE:** May 15, 2017

**COMMITTEE:** Public Works & Utilities Committee

**FROM:** James H. Norris, Village Manager

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**PURPOSE:** To appoint Director and Alternate Director to the Board of Directors of JAWA.

**BACKGROUND:** By ordinance, Mayor McLeod was appointed Director and Trustee Newell was appointed as Alternate Director on the Board of Directors of JAWA. That ordinance expired on April 30, 2017.

**DISCUSSION:** As has been the practice over the last several years, the Village President has been appointed as Director and the Chairman of the Public Works & Utilities Committee has been appointed as the Alternate Director of JAWA. Therefore, a draft ordinance naming Mayor McLeod, as Director, and Anna Newell, as Alternate Director for a term expiring April 30, 2019 is attached for your review.

**RECOMMENDATION:** Approval of Ordinance naming Director and Alternate Director of the Northwest Suburban Municipal Joint Action Water Agency.

ORDINANCE NO. \_\_\_\_\_ - 2017

VILLAGE OF HOFFMAN ESTATES

AN ORDINANCE APPOINTING A  
DIRECTOR AND ALTERNATE DIRECTOR  
TO THE NORTHWEST SUBURBAN  
MUNICIPAL JOINT ACTION WATER AGENCY

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: That William McLeod shall be appointed as Director on the Board of Directors of the Northwest Suburban Municipal Joint Action Water Agency and that Anna Newell shall be appointed as an Alternate Director on the Board of Directors of the Northwest Suburban Municipal Joint Action Water Agency for the term expiring April 30, 2019.

Section 2: That the Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 3: That 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 Karen Arnet	_____	_____	_____	_____
Mayor William D. McLeod	_____	_____	_____	_____

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2017

\_\_\_\_\_  
Village President

ATTEST:

\_\_\_\_\_  
Village Clerk

Published in pamphlet form this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

# COMMITTEE AGENDA ITEM

## VILLAGE OF HOFFMAN ESTATES

**SUBJECT:** Appointment of Director and Alternate Directors to the Solid Waste Agency of Northern Cook County (SWANCC)

**MEETING DATE:** May 15, 2017

**COMMITTEE:** Public Works & Utilities Committee

**FROM:** James H. Norris, Village Manager

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**PURPOSE:** To appoint Director and Alternate Directors to the Board of Directors of SWANCC.

**BACKGROUND:** By ordinance, James Norris was appointed Director and Mayor McLeod and Trustee Newell were appointed as Alternate Directors on the Board of Directors of SWANCC.

**DISCUSSION:** SWANCC requires that the Village Manager, Village President/Mayor or members of the Board of Trustees may serve as director or alternate director and appointments should be for a period of two (2) years. Therefore, a draft ordinance naming James Norris as Director and Mayor McLeod and Trustee Newell as alternate directors is attached for your review for a term expiring April 30, 2019.

**RECOMMENDATION:** Approval of Ordinance naming Director and Alternate Directors to the Solid Waste Agency of Northern Cook County.

ORDINANCE NO. \_\_\_\_\_ - 2017

VILLAGE OF HOFFMAN ESTATES

AN ORDINANCE APPOINTING A  
DIRECTOR AND ALTERNATE DIRECTOR  
TO THE SOLID WASTE AGENCY  
OF NORTHERN COOK COUNTY

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: That the President and Board of Trustees of the Village of Hoffman Estates appoint James H. Norris, Village Manager, as the Village's Director on the Board of Directors of the Solid Waste Agency of Northern Cook County and appoint William D. McLeod, Village President, and Anna Newell, Village Trustee, as its Alternate Directors, in each case for a term expiring April 30, 2019 or until their successor is appointed.

Section 2: That the Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 3: That 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 Karen Arnet	_____	_____	_____	_____
Mayor William D. McLeod	_____	_____	_____	_____

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2017

\_\_\_\_\_  
Village President

ATTEST:

\_\_\_\_\_  
Village Clerk

Published in pamphlet form this \_\_\_\_\_ day of \_\_\_\_\_, 2017.



**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to award contract for 2017 Contracted Parkway Tree Trimming Program to Winkler’s Tree & Landscaping Inc. La Grange , IL (low bid), in an amount not to exceed \$50,000.

**MEETING DATE:** May 15, 2017

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works  
Nick Lackowski, Village Forester



**PURPOSE:** To maintain proper visibility and safety for vehicular and pedestrian traffic, to promote health and vitality for disease resistance and attack from destructive insect pests, to regulate and encourage proper growth, reduce wind and snow/ice damage and to improve aesthetic characteristics to the overall tree canopy.

**BACKGROUND:** On April 11, 2017, the Village advertised for bids and sent bid documents to seven (7) vendors. These bids also sought options for 2<sup>nd</sup> and 3<sup>rd</sup> year contract extensions which saves staff time and allows vendors to bid on the potential of three years of work.

On April 26, 2017 five (5) bids were opened and staff began an evaluation process. After reviewing the bids it was determined that Winkler’s Tree & Landscaping Inc. La Grange, IL was the lowest responsible bidder. This firm’s performance is known to the Village of Hoffman Estates, as they have been the contracted to perform creek cleaning maintenance and brush removal in the past 2 years. Our overall experience with this firm has been very satisfactory. Winkler’s Tree & Landscaping Inc. has performed like services for numerous other municipalities including Maywood, City of Chicago, Chicago Park District, and the Village of Lincolnshire. A comparison/tabulation of the five (5) bid proposals is attached.

**DISCUSSION:**

The 2017 budget includes funding for the use of (annual) contractor assisted tree trimming to augment the current in-house tree trimming program. This ongoing annual tree trimming program permits needed maintenance to occur on regularly scheduled intervals. It enables the timely removal of existing and potential hazardous conditions. Contractor help also assists with providing the care necessary for the strong development and health of Village parkway trees. In addition, the vendor work permits increased time and ability of Village team members to address residents' requests for service.

It has been frequently noted that areas receiving scheduled recurring trimming experience a dramatic decrease in resident requested in-house trimming operations and storm damage.

**FINANCIAL IMPACT:**

In 2017, a total of \$50,000 has been budgeted for contractor assisted tree trimming. The low qualifying bid received was in the amount of \$59,090.00 based on an *estimated quantity* of trees to be trimmed. This quantity was for the purpose of comparing bids only. The Village reserved the right to change, add or delete quantities of trees to be trimmed as it deems necessary. The amount of contracted tree trimming to be performed each year will be entirely conditioned upon the total amount of funds budget allocated for the program each fiscal year. This was indicated in the bid specifications. Based on these specification requirements bidders submitted prices per tree to be trimmed by tree size class as indicated on the attached tabulation of bids form.

Given our ability to control the quantity of trees the contractor will trim, staff can cause the contract sum to be equal to that of the annual funding allocation.

The specifications mailed requesting bids from contractors for the performance of this work for included an option, solely for the Village's future consideration, for extension of the contract for the respective 2018 and 2019 seasons. The value of potential contract extension, based upon vendor contract performance during the current season has been proven. The better care the successful contractor provides for the sites this year, in order that he attains VOHE's contract extension for the next season, the better the cumulative effect that this improved care level has upon VOHE properties.

**RECOMMENDATION:**

Request authorization to award contract for 2017 Contracted Parkway Tree Trimming Program to Winkler's Tree & Landscaping Inc. La Grange , IL (low bid), in an amount not to exceed \$50,000.

Note: Bid specifications and proposals in white binder in Trustee's Ante Room.

2017 SEASON CONTRACTOR TRIMMING

STATE OF ILLINOIS  
VILLAGE OF HOFFMAN ESTATES  
TABULATION OF BIDS  
CONTRACTOR PARKWAY TREE TRIMMING 2017

County: Cook Municipality or Road District: Hoffman Estates Section: Estimate \$	April 26, 2017 Time: 10:00 a.m. Appropriation \$ Attended by: Nick Lackows	Winklers Tree & Landscape Inc	The Davey Tree Expert Company		Clean Cut Tree Service		Trees "R" US Inc.		Neis J Johnson Tree Experts Inc
			Unit Price	Total	Unit Price	Total	Unit Price	Total	
Proposal Guarantee: Terms: Bid Deposit Check: Yes/NO	Bid Bond / Bid Check	Bond		Bond		Bond		Check	
Items	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
<b>Parkway Tree Trimming</b>									
<b>2017 Season</b>	Est.								
Size Class A (4" to 12")	Qty.								
Size Class B (12.1" to 18")	250	\$23.00	\$5,750.00	\$25.00	\$6,250.00	\$19.00	\$4,750.00	\$36.00	\$9,000.00
Size Class C (18.1" to 24")	600	\$33.00	\$19,800.00	\$46.00	\$27,600.00	\$49.00	\$29,400.00	\$50.00	\$30,000.00
Size Class D (24.1" to 30")	420	\$47.00	\$19,740.00	\$56.00	\$23,520.00	\$49.00	\$20,580.00	\$70.00	\$29,400.00
Size Class E (30.1" to 36")	200	\$60.00	\$12,000.00	\$67.00	\$13,400.00	\$69.00	\$13,800.00	\$90.00	\$18,000.00
Size Class F (36" plus)	15	\$60.00	\$900.00	\$95.00	\$1,425.00	\$89.00	\$1,335.00	\$107.00	\$1,605.00
	15	\$60.00	\$900.00	\$95.00	\$1,425.00	\$99.00	\$1,485.00	\$110.00	\$1,650.00
			\$59,090.00		\$73,620.00		\$71,350.00		\$89,655.00
<b>Alternate Bid</b>	Est.								
<b>2018 Season</b>	Qty.								
Size Class A (4" to 12")	300	\$24.00	\$7,200.00	\$25.50	\$7,650.00	\$20.00	\$6,000.00	\$37.00	\$11,100.00
Size Class B (12.1" to 18")	620	\$34.00	\$21,080.00	\$46.00	\$28,520.00	\$50.00	\$31,000.00	\$51.00	\$31,620.00
Size Class C (18.1" to 24")	300	\$48.00	\$14,400.00	\$57.00	\$17,100.00	\$50.00	\$15,000.00	\$71.00	\$21,300.00
Size Class D (24.1" to 30")	150	\$61.00	\$9,150.00	\$68.00	\$10,200.00	\$70.00	\$10,500.00	\$91.00	\$13,650.00
Size Class E (30.1" to 36")	15	\$61.00	\$915.00	\$100.00	\$1,500.00	\$90.00	\$1,350.00	\$108.00	\$1,620.00
Size Class F (36" plus)	15	\$61.00	\$915.00	\$100.00	\$1,500.00	\$105.00	\$1,575.00	\$111.00	\$1,665.00
			\$53,660.00		\$66,470.00		\$65,425.00		\$80,955.00
<b>Alternate Bid</b>	Est.								
<b>2019 Season</b>	Qty.								
Size Class A (4" to 12")	150	\$25.00	\$3,750.00	\$26.00	\$3,900.00	\$20.00	\$3,000.00	\$38.00	\$5,700.00
Size Class B (12.1" to 18")	400	\$35.00	\$14,000.00	\$47.00	\$18,800.00	\$50.00	\$20,000.00	\$52.00	\$20,800.00
Size Class C (18.1" to 24")	510	\$49.00	\$24,990.00	\$58.00	\$29,580.00	\$50.00	\$25,500.00	\$72.00	\$36,720.00
Size Class D (24.1" to 30")	200	\$61.00	\$12,200.00	\$69.00	\$13,800.00	\$70.00	\$14,000.00	\$92.00	\$18,400.00
Size Class E (30.1" to 36")	20	\$62.00	\$1,240.00	\$100.00	\$2,000.00	\$90.00	\$1,800.00	\$109.00	\$2,180.00
Size Class F (36" plus)	20	\$62.00	\$1,240.00	\$100.00	\$2,000.00	\$110.00	\$2,200.00	\$112.00	\$2,240.00
			\$57,420.00		\$70,080.00		\$66,500.00		\$86,040.00
<b>Bid Total 2017</b>			\$59,090.00		\$73,620.00		\$71,350.00		\$89,655.00
<b>Total Bid 2018 - Alternate Bid</b>			\$53,660.00		\$66,470.00		\$65,425.00		\$80,955.00
<b>Total Bid 2019 - Alternate Bid</b>			\$57,420.00		\$70,080.00		\$66,550.00		\$86,040.00
<b>Grand Total for all 3 Years</b>			\$170,170.00		\$210,170.00		\$203,325.00		\$256,650.00

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to award contract for a replacement Closed Circuit Security and Mobile Event Camera System for the Village of Hoffman Estates to Pace Systems Inc., Naperville, IL, in a total amount not to exceed \$866,111.

**MEETING DATE:** May 15, 2017

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works  
Fred Besenhoffer, Director of Information Systems  
Paul Petrenko, Facilities Manager

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**PURPOSE:** To award contract for the installation of a replacement Closed Circuit Security and Mobile Event Camera System.

**BACKGROUND:** The current Village camera system is 11 years old has exceeded its end of life (normally 8-10 years) with a number of cameras and video storage devices beginning to fail. Various systems have experienced many critical failures involving both software and server storage. Due to reliability issues with the Police evidentiary documentation system, interviews and interrogations are currently being conducted at a partner agency. The Village recently upgraded their core server and storage systems. The management software was also replaced with the Milestone Xprotect® Enterprise video management system to extend its life and to serve as a base video platform for future scalability and expansion.

Village staff was tasked with developing a RFP for a closed circuit security system that would meet, not only the current and future needs of the Police facility, but encompass other Village public buildings such as the Village Hall, Public Works facilities, Fire Stations, Water sites, Sears Centre Arena, Village Green, Pace Park and Ride, and a Mobile platform that would be used by Police for events.

Due to the complexity of current camera technology, video storage, and network requirements, the Village requested the assistance of Rusty Winchel, Senior Consultant with Northern Illinois University Net. After meeting with Village personnel (including Chief Bos, Paul Petrenko, and Ben Gibbs) buildings were evaluated, security needs determined, and camera specifications were assembled. The total number of cameras requested Village wide as part of the RFP was 245. The RFP was published on December 12, 2016.

**DISCUSSION:**

By February 17, 2017, the proposal submission deadline, a total of 3 proposals were received. The proposal submitted by Video and Sound Inc. was not complete and was therefore not considered by staff or the Village consultant. The other two proposers were interviewed and references checked. Both were very qualified to install and maintain the camera system. Also, their backhaul equipment proposed, such as storage, switches, and remote site connectivity, was normalized to match each other and meet Village requirements. Afterward, the only difference remaining between the two proposals were differences in camera types and the price.

The total proposed costs by each firm are listed as follow:

<u>Company</u>	<u>Total</u>
Pace Systems Inc.	\$855,419.00
CelPlan	\$889,900.00
Video and Sound Inc.	\$398,885.00

After careful review and consideration, staff recommends that Pace Systems Inc. be awarded the contract for the award contract for the installation of the Village Closed Circuit Security and Mobile Event Camera System. We believe that they offer the better camera technology and quality at a lower cost than CelPlan.

**FINANCIAL IMPACT:**

This project is to be completed over two fiscal years starting in 2017 and being completed in early 2018. It is partially covered by FY 2017 Budget as part of the Information System fund balance.

On April 26 staff met with Pace Systems and negotiated the installation and payment of the system over two fiscal years. Fiscal year 2017 would include the purchase of the server and storage components, camera licenses and installation of the Police Department Interview Rooms as well as upgrades to the cameras at the Police Department, Village Hall and Fleet Services.

	2017	Budget
Police Department	\$	101,582
IRRS Upgrades	\$	8,190
Vehicle Maintenance	\$	17,999
Village Hall	\$	22,982
Dell Recorder Servers (2 of 3)	\$	187,514
Milestone Software Licenses (101)	\$	26,686
System and Camera Programming, Project Management	\$	8,000

**Total 2017 \$ 372,953**

**FINANCIAL IMPACT, Continued**

The cost for this portion of the project amounts to \$372,953.00, of which \$290,000.00 has been budgeted (47008625-4602) with the remainder of \$82,953.00 to come from Capital Project Fund Balance.

Fiscal year 2018 includes the initial remobilization fee and the balance of the facilities as shown below.

	2018	Budget
Remobilization Fee (1.25%)	\$	10,692
Sears Centre Arena	\$	99,716
Pace Park & Ride	\$	44,263
Village Green	\$	5,539
Public Works	\$	14,295
Towers	\$	13,315
Fire Station 21	\$	8,731
Fire Station 22	\$	8,363
Fire Station 23	\$	7,147
Fire Station 24	\$	12,023
Abbeywood Pump	\$	4,939
Dell Recorder Servers (1 of 3)	\$	93,757
Milestone Software Licenses (136)	\$	35,933
System and Camera Programming and Configuration	\$	4,000
Project Management, Training, Documentation, 1st Year On-Site Repair and Maintenance	\$	18,000
Remote Site Wireless Infrastructure	\$	40,445
Mobile Camera Unit	\$	72,000

Total 2018    \$    493,158

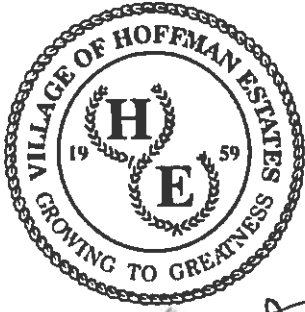
Project Total    \$    866,111

The cost for this portion of the project amounts to \$493,158.00 which will be budgeted in fiscal year 2018 from Capital Project Fund.

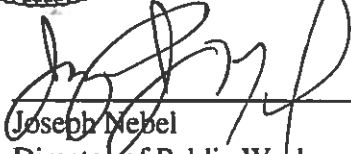
**RECOMMENDATION:**

Request authorization to award contract for a replacement Closed Circuit Security and Mobile Event Camera System for the Village of Hoffman Estates to Pace Systems Inc., Naperville, IL, in a total amount not to exceed \$866,111.

Complete proposals are in the black binder in the Trustees' Room.



**VILLAGE OF HOFFMAN ESTATES**  
**DEPARTMENT OF PUBLIC WORKS**  
**APRIL 2017 MONTHLY REPORT**  
**SUBMITTED TO: Public Works Committee**  
**May 2017**

  
 \_\_\_\_\_  
 Joseph Nebel  
 Director of Public Works

  
 \_\_\_\_\_  
 Kelly Kerr  
 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, and 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 held on April 7, 2017 and the construction started in the week of April 24. **By the end of April, 4 lamp holes were replaced with installation of 4 standard manholes and 10' of 4" sewer main were upgraded into 6" main. 1,071 Feet of sanitary sewer main has been cleaned and inspected in preparation of lining and rehabilitation work.**

**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 **April 30, 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 **April 30, 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 **April 30, 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. **Casing pipe extension was completed and as-built drawing was submitted for review.**

**Administration**

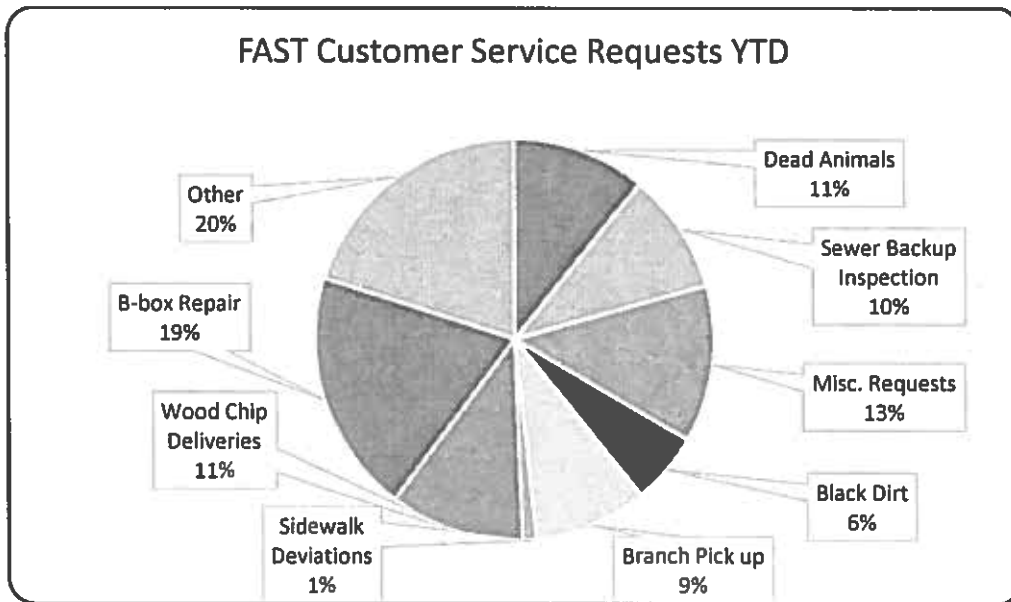
1. Coordinated volunteer Earth Day event with Sears Holdings' Sustainability Division and the Hoffman Estates Park District to beautify Arbor Day Park. With the help of 20 volunteers, nearly 100 trees received care in the form of proper mulching prior to the Village's annual Arbor Day Celebration.

**Customer Services**

**Fast Action Service Team (FAST):**

1. Assisted with 2017 Chipping Program;
2. Assisted in locating force main near Golf Road.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
32	28	39	69									168



**Customer Service Team:**

1. Continued audit of commercial water meters.

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
66	56	38	28									188
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
217	192	229	215									853



Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
121	114	98	79									412
New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	4	4	2									13
Residential Cross Connection Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
83	86	92	85									346
Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
36	13	14	11									74
Meter Change-outs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
22	14	32	8									76
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0									0

**Utility Locates Team:**

1. Provided ongoing oversight and support for Nicor service line replacements (approximately 280 out 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	867									2687
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
29	13	26	35									103
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	3	7									13

**Facilities**

1. Installed new filter chamber vessel for chilled water loop at Village Hall;
2. Conducted safety walkthrough with insurance carrier at Police Department and Fire Station 24;
3. Installed replacement washer and dryer at Fire Station 22;
4. Continued ceiling tile replacement at the PWC admin office area.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
84	86	114	115									399

## Fleet Services

1. Congratulations to the Fleet Services Division for their recognition as one of the 100 Best Fleets in the Americas! Criteria to receive this designation includes accountability in reporting performance, use of technology and information systems to inform policy and procedures, collaboration with others in the automotive and public fleet industry, efficient resource management, and an emphasis on staff development;
2. Prepared vehicle specifications for PW unit 56 replacement;
3. Performed \$4,600 in repairs to Fire unit FE24.

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
24	20	32	21									97
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	4	3	2									10

## Forestry

1. Completed CEU's to maintain Certified Arborist certification;
2. Tagged trees at nursery, installed stakes, and organized lists in preparation for the 2017 spring planting program;
3. Continued spring branch pick-up collection program;
4. Participated in the Village's Arbor Day celebration;
5. Participated in volunteer Earth Day event to beautify Arbor Day Park in collaboration with the HE Park District and Sears Holdings Corporation;
6. Attended bid opening for contractor tree trimming program;
7. Performed general site maintenance, and garbage clean up at various mowing site locations.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
9	16	23	53									101

## Maintenance & Construction

### Storm Sewer Team:

1. Completed creek line cleaning in the Concord Lane flow area;
2. Rebuilt storm sewer inlet and manhole at 2063 Danbury Lane;
3. Provided oversight for wildlife contractor;
4. Performed drain tile installation at 4475 Capstan Drive;
5. Performed Village-wide monthly outflow checks and clearing.

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	2,811									5,461
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0									0

**Construction/Maintenance Team:**

- 1) Performed water main repairs at 261 Grissom Lane and 620 Bode Road;
- 2) Provided oversight for parkway excavation repair contractor.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	5	6	0									12
Hydrant Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	0	1	3									7
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	4	2									9
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	2	2	2									12

**Traffic Operations**

**Pavement Maintenance Team:**

1. Coordinated flagger, and yard-man unit 50 training;
2. Participated in the Village Chipping Program;
3. Conducted hot asphalt repairs, and assisted with water excavations and tree maintenance at various locations.

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	8.5									8.5
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11.5	9.5	11.0	6.5									38.5

**Sign Team:**

1. Replaced 12 signs due to vandalism and wind damage;
2. Fabricated and assembled (1) retirement sign for the Fire Department;
3. Fabricated and assembled (2) "Discharge" and "Suction" signs for the Village call system;
4. Removed all snow and ice delineator markers;
5. Set up and removal of (7) type III barricades for HEPD traffic control operations at Sears Centre Arena;
6. Fabricated, assembled, installed, and removed (8) Celtic Fest signs.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
10	12	5	11									38
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
34	126	30	57									247

**Street Light Team:**

1. Notified Association of street light out under their jurisdiction;
2. Repaired banner at Village Hall;
3. Performed cleanup and secured site of street light knockdown on Hoffman Boulevard;
4. Participated in Village Chipping Program.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	1	11	3									18
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
17	28	48	44									137

**Water Operations****Operations Team:**

1. Installed air conditioner at Tower 2 control room;
2. Installed 2 new pumps at Barrington Lift Station with new seals;
3. Rebuilt Abbeywood Lift Station altitude valve and high-service pump #4.

Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	0	4									7

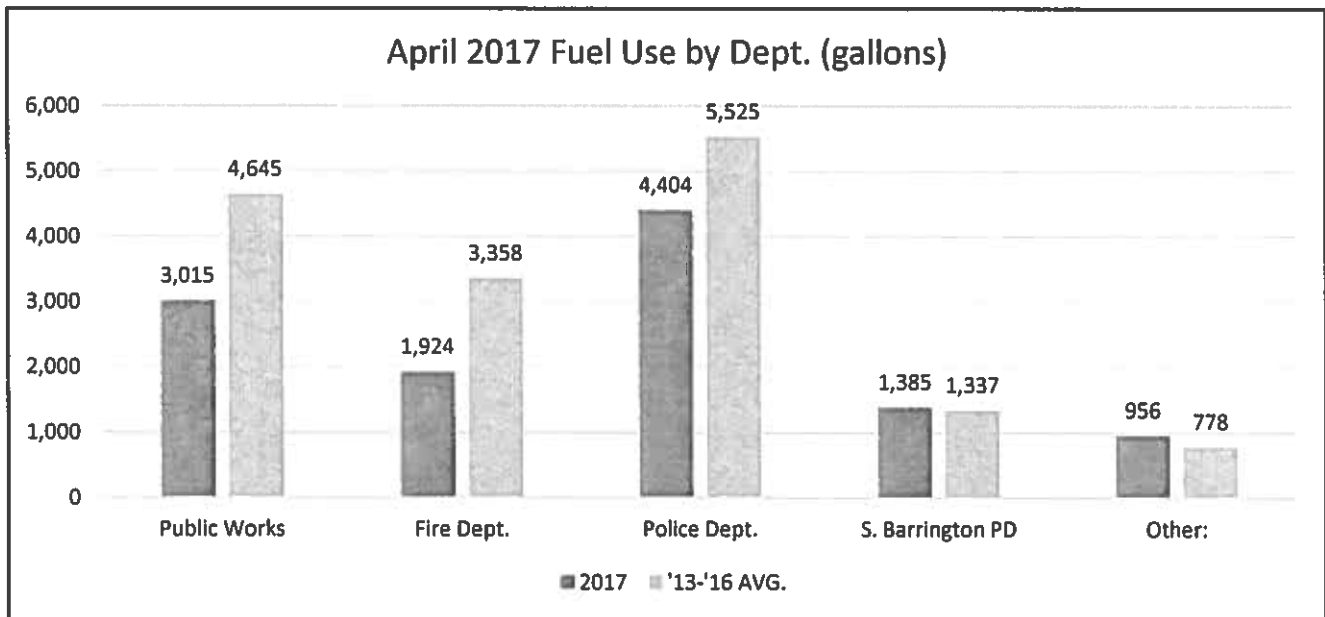
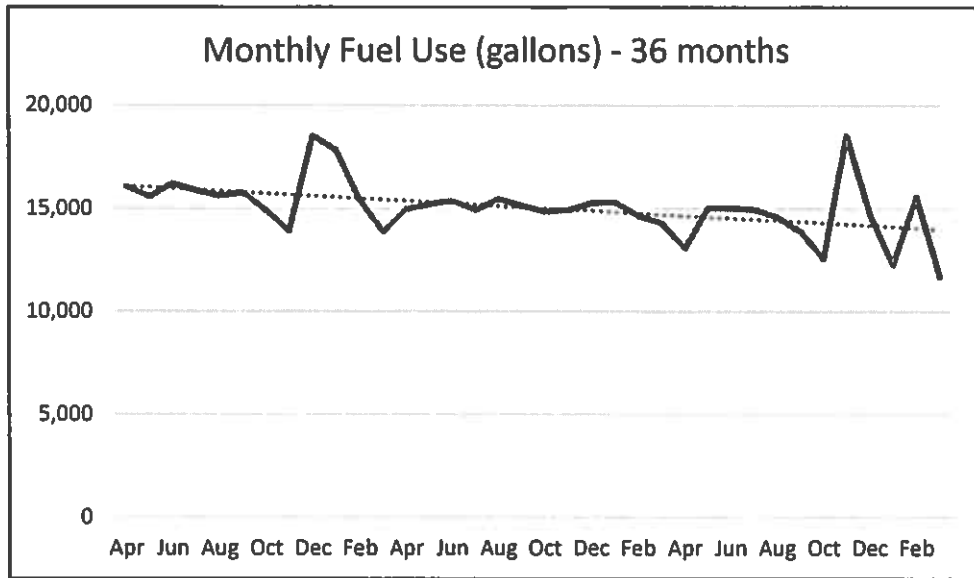
**Sanitary Sewer Flow Management Team:**

1. Monitored contracted lamp hole/manhole replacement project (Sanitary Sewer Rehab Program - 2017);
2. Assisted in preparation for contracted televising/cleaning and pipe lining project (Sanitary Sewer Rehab Program - 2017);
3. Provided insight to Engineering to identify proper locations for main line sanitary sewer replacement on Newport Lane;
4. Performed televising inspection of water main on Poplar Creek;
5. Inspected resident flood cleanup request at 4090 Suffolk Lane.

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	1,742									13,472
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
836	360	224	0									1,420

**(Fuel Use Report on following page)**

## Fuel Use Report



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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending May 12, 2017.



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Alan Wenderski, P.E.  
Village Engineer

**MISCELLANEOUS**

Summary of miscellaneous items:

- Pavement Conditions Ratings (PCR) inspections have been completed
- Held Resident Open House for the 2017 Street Revitalization and Bode/Harmon STP Resurfacing Projects
- Engineering plan review for:
  - 2590 Golf Road
  - 105 E Golf Road
- 28 permit inspections
- 27 residential drainage investigations
- 2 floodplain inquiries
- Reviewed permits for:
  - 1 – Retaining Wall
  - 7 – Drainage
  - 1 – Detached Garage
- Plan/permit review related to residential development:
  - 6 – permit plats
  - 2 – top of foundation plats
  - 2 – temporary certificate of occupancy

**PROJECT STATUS**

<b>VILLAGE PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>2017 Crack Sealing</b>	Design work ongoing. Target late July bid opening and late summer/early fall construction. Village Project Manager – Shelley Walenga
<b>2017 Drainage Improvement Project</b>	Design work ongoing. Target early July bid opening and late summer construction. Village Project Manager – Shelley Walenga
<b>2016 Street Revitalization Project</b>	All work is complete. Re-inspection of sod/seed restoration ongoing. Village Project Manager – Marty Salerno
<b>2017 Street Revitalization Project</b>	Work began May 2 <sup>nd</sup> . See attached for latest progress schedule. Village Project Manager – Marty Salerno
<b>2017 Surface Patching</b>	Design work ongoing. Target early September bid opening and fall construction. Village Project Manager – Shelley Walenga
<b>Bode Road / Harmon Boulevard STP Resurfacing Project</b>	Bid opening on April 28 <sup>th</sup> . Plote Construction was low bidder in amount of \$1,514,148. IDOT contract award expected in mid-June with construction expected to begin in late June. Ciorba Group is serving as Phase III engineer. Village Project Manager – Joe Weesner



<b>VILLAGE PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Grand Canyon Storm Sewer Project</b>	Work is complete; punch list work remains. Chastain & Associates is serving as Phase III engineer. Village Project Manager – Alan Wenderski
<b>Hillcrest / Moon Lake Boulevard STP Resurfacing Project</b>	Work is complete; punch list work is ongoing. Engineering Resource Associates is serving as Phase III engineer. Village Project Manager – Joe Weesner
<b>Hoffman Boulevard Bridge North Parapet Wall Repair Project</b>	Hampton, Lenzini and Renwick, Inc. (HLR) to provide design engineering and construction inspection services. Preliminary plans currently under review by staff and CN Railroad. Construction expected to commence in late summer/early fall 2017. Village Project Manager – Alan Wenderski
<b>West Berkley Lane Storm Sewer Project</b>	The replacement of 54-inch Corrugated Metal Pipe (CMP) along West Berkley Lane from Washington Boulevard to Spring Mill Drive. Target June bid opening with construction scheduled for summer/fall 2017. Design engineering and construction inspection services awarded to Chastain & Associates on December 5 <sup>th</sup> . Phase II design work ongoing. Staff completed review of preliminary plans. Village Project Manager – Alan Wenderski

<b>COMMERCIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Acura Dealership</b> 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
<b>Adesa Auto Auction</b> 5407 Trillium Boulevard	Completion of Beverly Rd path and punch list work expected to resume week of April 24th. Village Project Manager – Terry White
<b>Animal Hospital</b> Barrington Square 2370 West Higgins Road	Storm sewer and sanitary installation complete. Water service work ongoing. Detention revisions under review by MWRD. Parking lot paving to be completed by end of the month. Village Project Manager – Terry White
<b>Buona Beef</b> Barrington Square 2352 West Higgins Road	Plan review comments completed for concept site plan. Village Project Manager – Alan Wenderski
<b>Burger King Restaurant</b> 2599 West Higgins Road	Temporary CO issued. Awaiting As-Built drawings and sign-off of ROW permit from IDOT. Village Project Manager – Terry White

<b>COMMERCIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>CMIC Labs</b> (Formerly JCL Bioassay) Prairie Stone 2860 Forbs Avenue	Water main relocation work completed. Building work ongoing. Completion of bio-swale and restoration upon completion of building work. Village Project Manager – Terry White
<b>Culvers</b> Prairie Stone 4665 Hoffman Boulevard	Awaiting As-Built drawing revisions. Village Project Manager – Terry White
<b>Denny's</b> Prairie Stone Crossing 4690 Hoffman Boulevard	Awaiting engineer's estimate for project guarantee. Village Project Manager – Alan Wenderski
<b>Dunkin Donuts</b> Huntington Plaza	Proposed Dunkin Donuts to be located in an outlet of Huntington Plaza, near the Northeast corner of Algonquin Road/Huntington Boulevard. 2 <sup>nd</sup> round of plan review completed. Village Project Manager – Alan Wenderski
<b>Enclave Apartments Clubhouse</b> 750 Salem Drive	Third round of plan review comments completed. Village Project Manager – Alan Wenderski
<b>Hoffman Plaza</b> Higgins and Roselle 1001-1067 Roselle Road	Plan revisions under review by MWRD. Village Project Manager – Alan Wenderski
<b>Main Event</b> Prairie Stone 2575 Pratum Avenue	Monitoring bio-retention throughout spring. Village Project Manager – Terry White
<b>Route 58 AutoWash</b> 105 East Golf Road	Third round of plan review comments completed. Village Project Manager – Alan Wenderski
<b>Shell – Ricky Rocket's</b> 2590 Golf Road	Completed first round of engineering plan review. Village Project Manager – Alan Wenderski
<b>Trumpf</b> H90 1900 West Central Road	Site work substantially completed. Building work is ongoing. Final inspection with MWRD completed May 9th. Village Project Manager – Terry White

<b>RESIDENTIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Airdrie Estates</b> NE Corner of McDonough Road and Rohrssen Road	Clearing of brush and removal of approved trees began week of March 20 <sup>th</sup> . Staff reviewing preliminary permit plat submittal for Lot 2. Village Project Manager – Terry White / Oscar Gomez
<b>Amber Meadows</b> NE Corner of Essex Drive and Beacon Pointe Drive	Mass grading and storm sewer installation in progress. Water and Sanitary connections across Essex Drive completed. Village Project Manager – Oscar Gomez

<b>RESIDENTIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Bergman Pointe</b> 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
<b>Bradwell Estates</b>	Inspection of existing punch list items completed on April 17 <sup>th</sup> and sent to developer. Awaiting completion of punch list by developer. Acceptance process to begin upon completion of all punch list items. Village Project Manager – Terry White
<b>Devonshire Woods</b> SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. 2 <sup>nd</sup> lift of binder completed on Bur Oak Drive. Clearing of brush and approved trees in southern portion of Bur Oak Drive ongoing. Village Project Manager – Terry White / Oscar Gomez
<b>Shannon Estates (Village of Schaumburg)</b>	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

2017 Street Revitalization Project Schedule Update: (May 8, 2017)

RECONSTRUCTION STREETS	Start Date	Pre-Construction			Construction											Landscaping				
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed	Percent Complete	
1. CARDIGAN PLACE Hassell Rd to End of Street	5/9/2017		n/a																	
2. HANDLER LANE Cumberland St to Arizona Blvd	7/31/2017																			
3. CRESCENT COURT Crescent Ln to End of Street	6/13/2017																			
5. GLEN LAKE ROAD - PHASE I Hemitage Ln to Fairfield Ln (N)	5/2/2017		n/a																	
6. GLEN LAKE ROAD - PHASE II Fairfield Ln (N) to Fairfield Ln (S)	5/30/2017																			
7. GLEN LAKE ROAD - PHASE III Fairfield Ln (S) to Higgins Rd	7/5/2017																			
8. LOMBARDY COURT Lombardy Ln to End of Street	8/17/2017																			
9. NEWCASTLE LANE - PHASE I Oakmont Rd to Kingsdale Rd	7/14/2017																			
10. NEWCASTLE LANE - PHASE II Kingsdale Rd to Fairmont Rd	6/19/2017																			
11. RIDGEWOOD LANE Parkside Dr to Whispering Trails Dr	8/16/2017																			
12. WHISPERING TRAILS COURT Whispering Trails Dr to End of Street	8/16/2017																			
* Tentative / Actual																				
Definition of Construction Steps:																				
Layout: Village engineers evaluate existing conditions, determine removals, and complete construction staking.																				
Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.																				
Saw Cutting: A circular saw machine cuts the concrete and asphalt at construction joints.																				
Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.																				
Asphalt Removal: The contractor either uses a backhoe or milling machine to remove existing asphalt layers.																				
Earth Excavation: Removal of the all materials located below the existing road to a stabilized subgrade.																				
Sub base Backfill: The installation of stone to a depth of 8"-12" with a layer of geotextile fabric.																				
Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.																				
Curb & Gutter: The installation of concrete curb & gutter utilizing mechanical equipment or hand tools.																				
Driveway Aprons: The replacement of asphalt and concrete driveway aprons.																				
Sidewalks: The replacement of concrete public sidewalks.																				
Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.																				
Asphalt Binder: The first layer of asphalt																				
Asphalt Patching: Repair of localized pavement failures on resurfacing streets.																				
Asphalt Surface: The final layer of asphalt.																				
Striping: Completion of permanent pavement striping.																				
Backfill Topsoil: Placement of topsoil to areas that have been disturbed during construction.																				
Sod & Seed: Placement of sod and seed to areas that have been disturbed during construction.																				
Completed															In Progress					

2017 Street Revitalization Project Schedule Update: (May 8, 2017)

RESURFACING STREETS	Start Date	Pre-Construction			Construction										Landscaping		Percent Complete	
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway	Sidewalks	Asphalt Patching	Asphalt Surface	Striping	Backfill	Sod & Seed	In Progress		
1. ABERDEEN STREET	6/9/2017																	
Thacker St to Arlington St																		
2. ASH ROAD	6/12/2017																	
Higgins Rd to Golf Rd																		
3. BISON LANE	7/7/2017																	
Caribou Ln (S) to Caribou Ln (N)																		
4. CARIBOU LANE	7/7/2017																	
Angouleme Ln to Bison Ln (N)																		
5. DUKESBERRY LANE	7/20/2017																	
Castaway Ln to Castaway Ln																		
6. FALCON LANE	7/7/2017																	
Mallard Ln to Fox Path Ln																		
7. FIRESTONE DR	8/1/2017																	
Winston Dr to Harrison Ln																		
8. FORBS AVENUE	7/6/2017																	
Marriott Dr to Higgins Rd																		
9. FREMONT ROAD	5/15/2017																	
Highland Blvd to Hillcrest Blvd																		
10. GANNON COURT	6/8/2017																	
Gannon Dr to End of Street																		
11. GLENDALE LN	7/5/2017																	
Mohave St to Illinois Blvd																		
12a. HIGHLAND BLVD - East Side	5/2/2017																	
Golf Rd to Jones Rd																		
12b. HIGHLAND BLVD - West Side	5/2/2017																	
Golf Rd to Jones Rd																		
13. MILTON LN	6/7/2017																	
Bristol Ln to Washington Blvd																		
14. NEWPORT ROAD N	5/19/2017																	
Hillcrest Blvd to Larchmont Rd																		
15. PAYSON STREET	6/5/2017																	
Paris Ln to Milton Ln																		
16. PORTAGE LANE	7/27/2017																	
Sturbridge Dr to Sturbridge Dr																		
17. STONEHARBOR COURT	7/24/2017																	
Sturbridge Dr to End of Street																		
18. STURBRIDGE COURT	7/24/2017																	
Sturbridge Dr to End of Street																		
<i>Tentative / Actual</i>																		
<b>All resurfacing streets to be completed within 30 days of start date</b>																		
															Completed		In Progress	