

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
August 20, 2018

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 – July 16, 2018
August 6, 2018 – Special Meeting

NEW BUSINESS

1. Request authorization to extend 2017 contract for 2018 Contracted Branch/Brush Pickup Program to Trees “R” Us, Inc., Wauconda, IL, in an amount not to exceed \$30,000.
2. Request authorization to award contract for the 2018 Drainage Improvements Project to Prime Construction, Inc. of Hampshire, IL (low bid), in the amount of \$78,860.
3. Request authorization to award contract for the Oakmont Road Storm Sewer Replacement Project to A Lamp Concrete Contractors, Inc. of Schaumburg, IL (low bid), in the amount of \$554,387.

REPORTS (INFORMATION ONLY)

1. Department of Public Works Monthly Report.
2. 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

(Further details and information can be found in the agenda packet attached hereto and incorporated herein and can also be viewed online at www.hoffmanestates.org and/or in person in the Village Clerk’s office).

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**

July 16, 2018

I. Roll call

Members in Attendance:

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

Members Absent:

Trustee Karen Mills

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Art Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplín, Asst. Vlg. Mgr. – Dev. Services
Peter Gugliotta, Director of Planning
Ted Bos, Police Chief
Patrick Fortunato, Fire Chief
Patrick Seger, Director of HRM
Rachel Musiala, Director of Finance
Monica Saavedra, Director of HHS
Joe Nebel, Director of Public Works
Fred Besenhoffer, Director of IS
Suzanne Ostrovsky, Asst. to the Village Mgr.
Bev Romanoff, Village Clerk
Patti Cross, Asst. Corporation Counsel
Doug LaSota, Asst. Corporation Counsel
Bruce Anderson, CATV Coordinator
Ian Irizzary, Mgmt. Analyst, Fire Dept.**

The Public Works & Utilities Committee meeting was called to order at 7:25 p.m.

II. Approval of Minutes

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to approve the minutes of the Public Works & Utilities Committee meeting of June 25, 2018. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request approval to reject sole bid received for Public Works Aster Lane Garage Storage Building and Fascia replacement.**

An item summary sheet by Joe Nebel and Paul Petrenko was presented to Committee.

Joe Nebel addressed the Committee and stated that the Department will rebid this item for roof and siding separately.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to reject sole bid received for Public Works Aster Lane garage storage building and fascia replacement. Voice vote taken. All ayes. Motion carried.

- 2. Request approval of an ordinance creating Article 5, Small Wireless Facilities, of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code.**

An item summary sheet by Bruce Anderson, Peter Gugliotta, Aaron Howe and Doug LaSota was presented to Committee.

Jim Norris addressed the Committee and stated that the State passed legislation effective August 1 that supersedes home rule authority. The Small Wireless Facilities Deployment Act allows additional telecommunications hardware may be added to utility poles, light poles and other structures in the public right-of-way as wireless carriers implement 5G technology and enhance cellular transmission. The law restricts the ability of municipalities to regulate these facilities and the ordinance reflects the boundaries of the Village's ability to regulate these small wireless facilities going forward. Telecommunications providers still need to submit permit applications and pay applicable fees up to the limits in state law for use of the public right-of-way.

Motion by Trustee Stanton, seconded by Trustee Pilafas, to approve an ordinance creating Article 5, Small Wireless Facilities, of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code. Voice vote taken. All ayes. Motion carried.

REPORTS (INFORMATION ONLY)

- 1. Department of Public Works Monthly Report.**

The Public Works Monthly Report was received and filed.

2. **Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division.**

The Department of Development Services Monthly Engineering Report of the Transportation & Engineering Division was received and filed.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to adjourn the meeting at 7:42 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

Village of Hoffman Estates

**SPECIAL PUBLIC WORKS & UTILITIES COMMITTEE
MEETING MINUTES**

August 6, 2018

I. Roll call

Members in Attendance:

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

Member Absent:

Trustee Gary Pilafas

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Mark Koplin, Asst. Vlg.Mgr-Dev. Services
Kevin Kramer, Director of Econ. Dev.
Mike Hankey, Dir. Of Transportation
Patrick Seger, Director of HRM
Pat Fortunato, Fire Chief
Ted Bos, Police Chief
Kelly Kerr, Asst. Director of Public Works
Monica Saavedra, Director of HHS
Rachel Musiala, Finance Director
Fred Besenhoffer, Director of IS
Suzanne Ostrovsky, Asst. to the Village Mgr.
Patti Cross, Asst. Corporation Counsel**

The Special Public Works & Utilities Committee meeting was called to order at 8:09 p.m.

NEW BUSINESS

- 1. Request authorization to award contract for the Vehicle Maintenance Building Boiler Replacement to Advantage Mechanical Inc., McHenry, IL, in an amount not to exceed \$46,781.**

An item summary sheet was by Joe Nebel and Paul Petrenko was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to award contract for the vehicle maintenance building boiler replacement to Advantage Mechanical Inc., McHenry, IL, in an amount not to exceed \$46,781. Voice vote taken. All ayes. Motion carried.

II. Adjournment

Motion by Trustee Gaeta, seconded by Trustee Arnet, to adjourn the meeting at 8:11 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend 2017 contract for 2018 Contracted Branch/Brush Pickup Program to Trees "R" Us, Inc., Wauconda, IL, in an amount not to exceed \$30,000.

MEETING DATE: August 20, 2018

COMMITTEE: Public Works & Utilities

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

PURPOSE: Extend current contract for 2018 Branch/Brush Pickup Program.

BACKGROUND: This is an annually budgeted program, the department provides a spring and fall brush pickup service to residents of the village. The program is manned through a combination of in-house staff as well as contractual assistance. This additional assistance has proven to offset the the need for additional public works staff. This keeps department staff available to address regularly assigned duties or emergencies that may occur.

DISCUSSION: On August 3, 2017 three (3) bids were opened and staff began an evaluation process. After reviewing the bids it was determined that Trees "R" Us, Inc., had submitted the lowest bid and all contacts provided positive feedback regarding the company's performance. Trees "R" Us satisfactorily performed brush pick up work for the Village in 2017. Village staff highly recommends we utilize the firm again with this requested contract extension for 2018.

A comparison/tabulation of the three (3) bid proposals is attached.

FINANCIAL IMPACT:

The Village reserved the right to change, add or delete quantities of hours to be utilized. This quantity is conditioned upon the total amount of funds budgeted for the program each fiscal year as well as the amount of material that is set out for pick up

Given our ability to control the quantity of hours the contractor will be utilized, staff can cause the contract sum to be equal the available funding. Based on specifications requirements, bidders submitted prices per hour to be worked as indicated on the attached tabulation form.

Funding for this year's Brush/Branch Pickup program is supported by \$30,000, budgeted within the Street Division Forestry & Grounds Program.

Quantities for the Fall Pickup Program are anticipated to be in the area of 2,800 total pickups generating 1,350 yards of material and requiring a total of 1,375 man hours to complete. This data is based on the averages experienced for the last five years of the program.

RECOMMENDATION:

Request authorization to extend 2017 contract for 2018 Contracted Branch/Brush Pickup Program to Trees "R" Us, Inc., Wauconda, IL, in an amount not to exceed \$30,000.



Trees "R" Us Inc.

COMPLETE TREE SERVICE

RESIDENTIAL & COMMERCIAL

PO BOX 6014
Wauconda, IL 60084

www.treesrusinc.com
Phone: 847-913-9069
Fax: 847-487-3753

March 14, 2018

Village Hoffman Estates
Department of Public Works
2305 Pembroke Ave
Hoffman Estates, IL 60169
Attn: Nick Lackowski, Village Forester

RE: Contract Extension for Branch/Brush Pickup

Mr. Lackowski,

Our contract with the Village of Hoffman Estates for the 2017 Contracted Branch/Brush Pickup Service allows for an extension of up to two (2) one year periods. Trees "R" Us, Inc. would like to execute the extension for 2018 at the price noted in the contract. The price for 2018 would be \$285 per hour. All terms and conditions of the original contract remain the same.

We look forward to continuing our relationship with the Village of Hoffman Estates. If you have any questions, or need further information, please let me know.

Sincerely,

Nick Willis
Vice President
Trees "R" Us, Inc.

VILLAGE OF HOFFMAN ESTATES
DEPARTMENT OF PUBLIC WORKS
TABULATION OF BIDS FOR

Bid Opening Date: August 3,2017
Time: 10:00 AM
Attended by: Nick Lackowski

Contracted Branch / Brush Pickup Program

Bid Deposit: Amount of Deposit Received: Bid Certification Form Notarized: Substance Abuse Prevention Certificate: References Provided:	Firm:	Winkler's Tree & Landscape inc. La Grange Park, Il 708-544-1218	Kramer Tree Specialists, inc West Chicago, Il 630-293-5444	Trees "R" Us Inc. Wauconda, Il 847-913-9069
		bond	bond	check
		\$1,000.00	\$1,000.00	\$1,000.00
		Yes	Yes	Yes
		Yes	Yes	Yes
		Yes	Yes	Yes
Items	Unit Price	Unit Price	Unit Price	
2017 Season Cost Per Hour Equipment And Personnel	\$349.00	\$326.00	\$265.00	
*2018 Season Cost Per Hour Equipment And Personnel	\$349.00	\$332.52	\$285.00	
*2019 Season Cost Per Hour Equipment And Personnel	\$349.00	\$339.17	\$300.00	
Total Bid	\$1,047.00	\$997.69	\$850.00	

* Indicates possible bid extention

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for the 2018 Drainage Improvements Project to Prime Construction, Inc., of Hampshire, IL (low bid), in the amount of \$78,860.

MEETING DATE: August 20, 2018

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski

PURPOSE: Present the bids for the 2018 Drainage Improvements Project and recommend approval of award of contract.

BACKGROUND: In 1992, the Village adopted a drainage policy and an annual drainage improvement project to correct drainage problems in the right of way and other areas.

The Village Board previously approved (April 23, 2018 Public Works and Utilities Meeting) seven locations chosen for this year's project. At that time the estimated costs for the seven locations was \$48,000. Two additional locations (Northview and Crimson) were also included within the scope of the Drainage Improvement Project in an effort to achieve economies of scale for work with similar scope. The Northview and Crimson locations were included in the approved CIP as stand-alone projects.

The proposed work for 5574 / 5584 Red Oak Drive and 1623 Acorn Drive requires coordination for work on private property. Despite multiple contact attempts, to date staff has not received authorization of the planned work from the property owners and these locations have been deleted from this year's proposed project.

See table below for a full list of the locations included within the 2018 Drainage Improvements Project.

2018 Drainage Improvements Project Locations

LOCATION	INITIAL DATE	DESCRIPTION	SOLUTION	NOTES
480 Northview Lane	N/A	Critical overland flow path in sideyard is very close to elevation of adjacent homes. Swale requires regrading to keep street ponding levels to appropriate levels.	Regrade sideyard swale and install retaining wall within easement to keep sideyard slopes at acceptable levels and improve capacity of swale.	Included in CIP
4135 / 4137 Crimson Drive	2000/2014	Overland flow path requires regrading to reduce street ponding levels.	Remove and replace sidewalk in overland flow path to park and regrade to reduce high point and lower ponding elevations in street. Correct minor grading problems with sidewalk in ROW.	Included in CIP
1775 Ida Road	2012	Back-pitched and settled parkway does not drain.	Replace sidewalk and regrade parkway.	Approved location (5/7/18 VB)
1376 Fox Path Lane	2014	Offsite flow from multiple lots drains thru back yards and close to house.	Install perforated pipe to inlet.	Approved location (5/7/18 VB)
1426 Fox Path Lane	2015	Offsite flow from large wooded area drains thru back yards and close to house.	Install perforated pipe to inlet.	Approved location (5/7/18 VB)
800 Norman Drive	2017	Drainage onto sidewalk (Winston Dr. side yard) from multiple lot flow and 3520 Winston Dr. sump pump with low slope along sidewalk and parkway. Area prone to winter icing.	Install perforated pipe in parkway adjacent to sidewalk and connect to storm sewer at Norman / Winston. Replace sidewalk to slope consistently from north to south.	Approved location (5/7/18 VB)
4245 / 4235 Dixon Drive	2017	Offsite flow from backyard neighbors and the sump pump discharges of 4245 and 4235 Dixon Dr. causing icing conditions on sidewalk and 4245 Dixon Dr. apron.	Connect sump pump discharges (already in the ROW) to storm inlet in front of 4235 Dixon Dr.	Approved location (5/7/18 VB)
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.	Approved location (5/7/18 VB) Deleted from project
1623 Acorn Drive	2011	Offsite flow from large wooded area drains thru back yards.	Install a high velocity swale through the back yard.	Approved location (5/7/18 VB) Deleted from project

DISCUSSION:

On August 13, 2018, five bids were received for the 2018 Drainage Improvements Project. The engineer's estimate for the project was \$124,719. The bid summary is shown in the table below:

Bidder	Bid Cost
Prime Construction	\$ 78,860
DeVinci Construction	\$ 116,790
John Neri Construction	\$ 138,774
Copenhaver Construction	\$ 141,080
Archon Construction	\$ 204,750

Prime Construction submitted the lowest qualified bid of \$78,860. Prime Construction has previously provided drainage improvement services to the Village several times over the last 13 years, including the 2017 Drainage Improvements Project, and completed all projects in a timely and satisfactory manner.

The total budgeted amount for the project was \$160,000 which includes \$60,000 for Drainage Improvements and \$100,000 for the Northview and Crimson locations. Due to the very favorable low bid cost, the under budget amount can be utilized to fund, in future years, larger scale stormwater projects identified in the Central Area Storm Sewer Analysis and the current CIP.

FINANCIAL IMPACT:

Funding is shown in the 2018 CIP from the Stormwater Utility Fund. The low bid amount is under the budgeted amount for this project.

RECOMMENDATION:

Request authorization to award contract for the 2018 Drainage Improvements Project to Prime Construction, Inc., of Hampshire, IL (low bid), in the amount of \$78,860.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for the Oakmont Road Storm Sewer Replacement Project to A Lamp Concrete Contractors, Inc. of Schaumburg, IL (low bid), in the amount of \$554,387.

MEETING DATE: August 20, 2018

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski

PURPOSE: Present the bids for the Oakmont Road Storm Sewer Replacement Project and recommend approval of award of contract.

BACKGROUND: The project will replace a rapidly aging elliptical corrugated metal pipe (CMP) storm sewer that was identified as part of the Central Area Storm Sewer Assessment completed in spring 2016. The pipe segment begins at the northwest corner of Kingsdale Road / Oakmont Road and continues west within the north parkway of Oakmont Road to 1562 / 1572 Oakmont Road. The pipe segment then continues south between 1573 / 1583 Oakmont Road and connects to an existing box culvert at the Golf Road right-of-way. The existing pipe was found to have many major deformations all along the route which restrict flow and leave the pipe more susceptible to failure.

DISCUSSION: On August 13, 2018, seven bids were received. The engineer's estimated cost for this work was \$585,763. The bids are summarized below:

Table 1 – Bid Results

Bidder	Bid Cost
A Lamp Concrete	\$554,387
Mauro Sewer	\$574,761
John Neri Construction	\$613,694
Archon Construction	\$698,498
Copenhaver Construction	\$842,452
Bolder Contractors	\$862,002
DiMeo Brothers	\$1,087,433

DISCUSSION: (Continued)

A Lamp has previously worked with Village on the 2015 and 2016 Street Projects and the Grand Canyon Parkway Culvert Replacement Project in 2016. All previous work was completed in an acceptable manner.

Budget and Total Project Costs

Table 2 shows a comparison of the total projects costs related to the Oakmont Storm Sewer Project with the approved budgeted amount. The approved budget included \$565,000 for construction and engineering for this project. Project design was completed in-house by staff with the support of Chastain & Associates for some specialty design assistance and part-time construction inspection for a total not to exceed cost of \$10,750. With the award of construction contract at \$554,387, the total project costs are \$137 over the approved budgeted amount.

Table 2 – Total Project Costs

Item	
Oakmont Road Storm Sewer Replacement Budget	\$565,000
Construction Contract Award Amount (Proposed)	\$554,387
Engineering Support (Chastain & Associates)	\$10,750
Total Over Budgeted Amount	\$137

FINANCIAL IMPACT:

Funding is shown in the 2018 budget from the Stormwater Utility Fund in the amount of \$565,000. Total project costs for Oakmont Storm Sewer Replacement Project are \$137 over the budgeted amount. Sufficient balance is available in the Stormwater Utility Fund for the overage.

RECOMMENDATION:

Request authorization to award contract for the Oakmont Road Storm Sewer Replacement Project to A Lamp Concrete Contractors, Inc. of Schaumburg, IL (low bid), in the amount of \$554,387.




VILLAGE OF HOFFMAN ESTATES

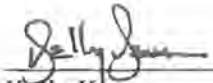
DEPARTMENT OF PUBLIC WORKS

July 2018 MONTHLY REPORT

SUBMITTED TO: Public Works Committee

August 2018


 Joseph Nobel
 Director of Public Works


 Kelly Kerr
 Assistant Director of Public Works

MAJOR PROJECT STATUS

Phase II Sanitary Sewer Repair at Manchester & Higgins

On June 4, 2018 the Village Board approved a contract with Insituform Technologies for Phase II Sanitary Sewer Repair at Higgins, which is the rehabilitation of the remaining identified damaged sanitary sewer mains along Higgins Road (starting west of Manchester and proceeding to Oakmont intersection) and Oakmont Road, approximately 4,600 feet of 20" and 14" pipe is to be rehabilitated. A pre-Construction meeting was held on July 12, 2018. Pre-lining pipe cleaning and inspection started in late July. By the end of the month approximately 1,300 feet of pipe have been cleaned and inspected, which will continue in August. Lining through CIPP (Cured-in-Place Pipe) is to start in September (not in August as planned due to a delay in delivery of the liner by the manufacturer). It is expected that all work will be completed before the end of October 2018.

Emergency Sanitary Sewer Repair at Manchester & Higgins

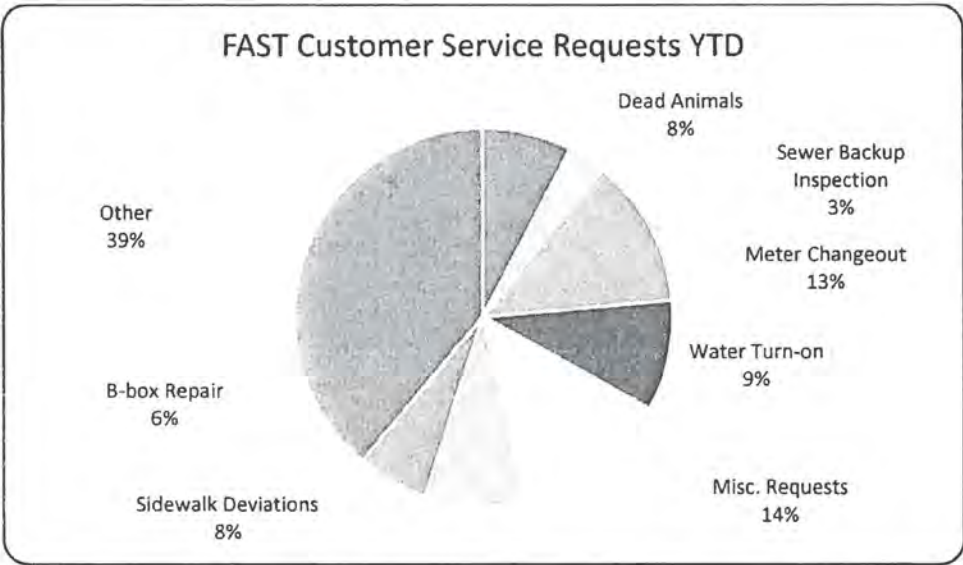
The project is to repair the two most fragile sections of 20" sanitary sewer along Higgins Road located immediately east and west of Manchester Dr. Project urgency was escalated by the discovery of multiple sites of partially collapsed pipe along the main line during the investigation of a sink hole and repair of a failed section in February 2018. After Village Board authorized contract award to Insituform Technologies on April 2 for repair of the sewer by lining through CIPP (Cured-in-Place Pipe), pre-construction meeting was held on April 19. Pre-lining camera inspection and cleaning was completed on April 23. Plans for sewage bypass pumping was approved on May 3. Project construction started on May 16 and completed on May 17 with a total of 695 feet of pipe lined. Post-lining inspection of the pipe by camera indicates the repair is highly satisfactory and the risk of pipe failure has been greatly reduced. **Project is to be closed in July.**

Customer Services

Fast Action Service Team (FAST):

1. Conducted maintenance on snow pushers and salt dome conveyor system in preparation for the 2018-19 snow and ice season;
2. Initiated second round of sidewalk replacement and mudjacking programs.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
117	128	144	166	218	162	158						1093



Customer Service Team:

1. Performed twenty-two (22) commercial water meter audits;
2. Replaced forty-eight (48) MIUs;
3. Installed a 3" compound water meter at 2860 Forbes Avenue;
4. Installed 2" UMEs at 555 Hill Drive, 1185 Meadow Lane, 2150 Hassell Road, and 1070 Knoll Lane.

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
64	45	72	49	47	44	65						386
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
496	227	198	260	268	268	263						1980
Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110	124	93	113	97	74	109						720

New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	5	8	9	12	5	10						55
Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	20	21	22	21	15	42						192
Siding Permit Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	6	0	0	0	4	2						16
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0	4	2	1						7

Utility Locates Team:

1. Continued locates for MCI directional boring in North Hoffman Estates consisting of approximately 34,000 feet;
2. Continued locates for the 2018 Road Reconstruction Program;
3. Provided locates for multiple service line replacements.

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
257	116	681	828	738	809	674						4103
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
23	7	9	26	32	9	31						137
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	3	2	8	6	6	9						40

Facilities

1. Coordinated replacement of A/C and furnace units at Fire Station 23;
2. Replaced A/C compressor for Village Hall server room;
3. Conducted pre-bid meetings for the Children's Advocacy Center remodel and Fleet Services boiler replacement.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
97	94	110	109	108	88	87						694

Fleet Services

1. Replaced fuel injectors on ambulance unit #23.

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
27	31	18	23	18	26	26						169
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	3	24	3	4	4	3						45

Forestry

1. Installed mulch at the Police Department;
2. Raised trees in Haverford and Evergreen subdivisions per HOA requests;
3. Updated maintenance and inventory for new tree plantings.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	10	27	44	72	71	55						298

Maintenance & Construction

Storm Sewer Team:

1. Graded restoration materials at Washington Boulevard;
2. Performed resident drain tile tap into the inlet at 4255 Eisenhower Circle;
3. Regraded ditch line at 780 Charleston Lane;
4. Installed new culvert pipe under roadway at Azalea Lane and Aspen Street.

Storm Sewer Team												
Feet of Storm Sewer Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4,519	0	1,371	0	405	0	0						6,295
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	7	5	4	6						22

Construction/Maintenance Team:

- 1) Assisted contractor with water main repair at Huntington Boulevard and Mundhank Road;
- 2) Performed eighteen (18) water service saddle replacements in conjunction with the 2018 Road Reconstruction Program;
- 3) Repaired various fire hydrants with minor issues found during the 2018 hydrant flushing program.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	1	7	4	7	9						28

Hydrant Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	0	1	0	2	2						6
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	1	0	0	0	1	0						2
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	2	1	2	2	1	1						11

Traffic Operations

Pavement Maintenance Team:

1. Coordinated monthly tailgate and JSA training and sound level testing;
2. Assisted Road Reconstruction Program with driveway rehabilitation.

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	3.0	61.0	47.5	24.0						135.5
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8.5	7.0	7.5	6.0	1.5	2.0	2.0						34.5

Sign Team:

1. Fabricated and installed Fire Department retirement signs;
2. Performed type-I sign reposting on Bicek Drive, Norridge Lane, and Chatsworth Lane;
3. Replaced faded signs Village-wide;
4. Fabricated four (4) pedestrian crossing signs for Sears Centre Arena.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11	13	9	10	11	6	4						64
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
24	36	20	35	147	41	129						432

Street Light Team:

1. Performed cleanup and secured site for a street light knockdown;
2. Performed annual concrete pole inspections throughout Village;
3. Replaced seven (7) panels on the message board in the Beverly Road ROW;
4. Oversaw Village-wide summer street sweeping program.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
7	9	5	3	11	9	6						50
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	23	10	45	18	67	23						237

Water Operations

Operations Team:

1. Installed new motor for WDA odor control blast fan;
2. Completed EPA water site inspections;
3. Conducted soil boring at Golf lift station.

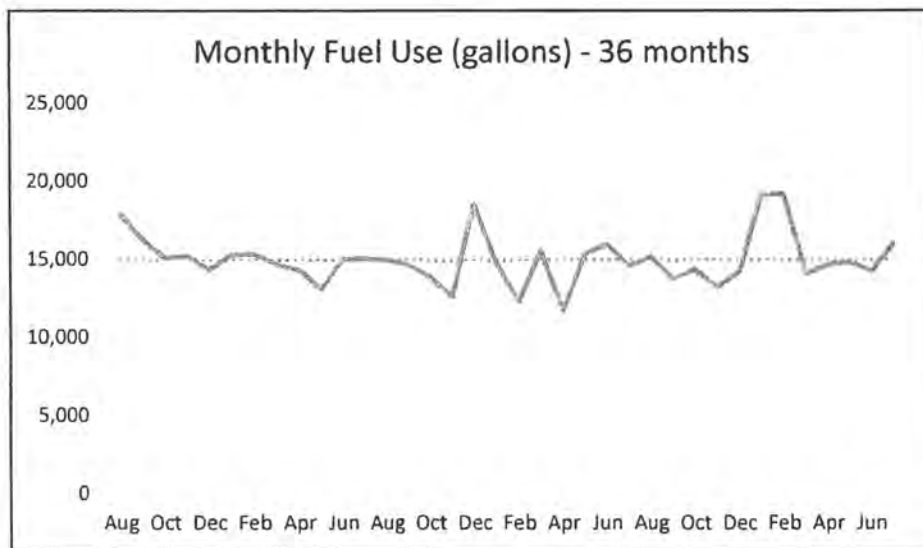
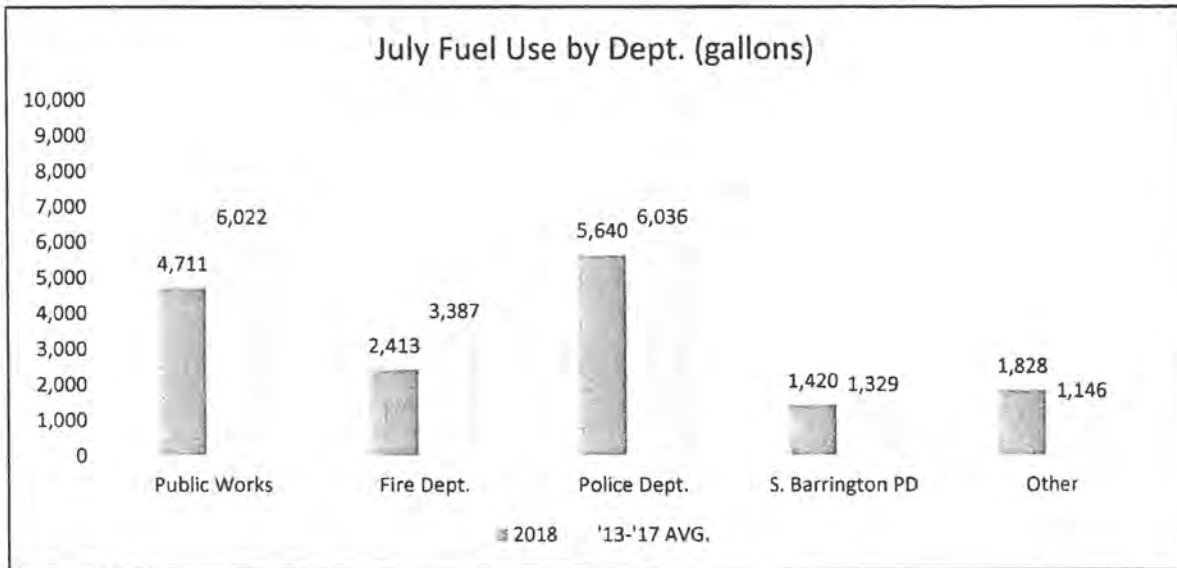
Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	0	1	3	4	2						12

Sanitary Sewer Flow Management Team:

1. Exposed buried sanitary manholes on Glen Lake.

Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	478	5,375	6,688	7,801	27,576	24,930						72,848
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3,019	974	3,382	7,792	0	1,797	330						17,294

Fuel Use Report



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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending August 17, 2018.



Alan Wenderski, P.E.
Village Engineer

MISCELLANEOUS

Summary of miscellaneous items:

- 87 permit inspections
- 9 residential drainage investigations
 - 1 survey
- Assisted with 1 FOIA request
- Engineering plan review for:
 - 2500 Beverly Road – Playground
 - 1 Illinois Boulevard – Parking Lot Expansion
 - Bergman Pointe – Unit 1
 - Bystronic
 - 1400 Gannon Drive
- Reviewed permits for:
 - 8 – Drainage
 - 2 – Patio
 - 2 – Detached Garage/Addition
 - 1 – Retaining Wall
 - 1 – Single Family Residential
- Plan/permit review related to residential development:
 - 6 – Permit Plats
 - 5 – Top of Foundations
 - 16 – Final Grading
 - 25 – Certificate of Occupancies

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2018 Drainage Improvements Project	Bid opening held on August 13 th . Low bid of \$78,860 from Prime Construction. Village Project Manager: Shelley Walenga
2018 Street Revitalization Project	See attached for current project status. Village Project Manager: Marty Salerno
2018 Surface Patching Project	Design work ongoing. Project scheduled to be out to bid on August 24 th with a September 10 th bid opening. Village Project Manager: Shelley Walenga
Oakmont Road Storm Sewer Replacement	Bid opening held of August 13 th . Low bid of \$554,387 from A Lamp Concrete. Village Project Manager: Andy LoBosco / Greg Burkey


VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
Prairie Stone Stormwater Management Plan	Contract with V-3 to revise/update the 2004 Prairie Stone Stormwater Management Plan. Kick-off meeting to be held week of August 20 th . Village Project Manager: Alan Wenderski
Sears Centre Parking Lot Patch, Seal, and Striping Project	Project currently out for bid, scheduled for an August 27 th bid opening. Work scheduled to be completed between mid-September and late October. Village Project Manager: Shelley Walenga
Stonegate Pond Basin	Design work ongoing. Target construction in late fall/early winter 2018. W-T Group contracted for completion of design engineering and construction observation services. Village Project Manager: Alan Wenderski

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Adesa Auto Auction 5407 Trillium Boulevard	As-built drawings received and reviewed. Awaiting revisions and re-submittal. Village Project Manager: Terry White
Aldi 375 West Higgins Road	Village board approval for building expansion received on August 6 th . Awaiting receipt of engineering plan review and inspection fee and project guarantee. Village Project Manager: Alan Wenderski
Burger King Restaurant 2599 West Higgins Road	Temporary CO issued. Awaiting as-built drawings, sign-off of ROW permit from IDOT. Village Project Manager: Terry White
Bystronic/Eagle Way Extension	MWRD permit for mass grading approved. Army Corps permit for wetland impacts issued August 9 th . Village Project Manager: Alan Wenderski
Culvers Prairie Stone 4665 Hoffman Boulevard	Awaiting as-built drawing revisions. Village Project Manager: Terry White
Enclave Apartments Clubhouse 750 Salem Drive	Water service pressure test and chlorination completed. Building work ongoing. Village Project Manager: Terry White
Hoffman Plaza Higgins and Roselle 1001-1067 Roselle Road	Reviewing revised as-built plans. Village Project Manager: Terry White
Holiday Inn Express 5235 Prairie Stone Parkway	Underground utility work underway. Village Project Manager: Terry White
Petro Auto 1300 West Higgins Road	Site work ongoing. Village Project Manager: Terry White

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Shell – Ricky Rocket's 2590 Golf Road	Preconstruction meeting for site work held on July 16 th . Demolition work completed. Building foundation work underway. Village Project Manager: Terry White
Silesia Prairie Stone 5250 Prairie Stone Parkway	Storm sewer and sanitary sewer work complete. Parking lot expansion work completed. Work on building addition ongoing. Village Project Manager: Terry White

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Airdrie Estates NE Corner of McDonough Road and Rohrssen Road	Staff has reviewed and approved permit plat submittal for Lot 2. Village Project Manager: Terry White / Oscar Gomez
Amber Meadows NE Corner of Essex Drive and Beacon Pointe Drive	Multiple lots under construction. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. All streets completed to binder level. Village Project Manager: Terry White / Oscar Gomez
Bergman Pointe NW Corner of Ela Road and Algonquin Road	Home building ongoing. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. Signal modifications at Ela/Algonquin and continuation of Ela Road path are ongoing. Village Project Manager: Terry White
Devonshire Woods SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. Village Project Manager: Terry White / Oscar Gomez

July 25, 2018



I must admit, I was dreading the inconvenience of having our street re-done. However, it was not nearly as bad as I thought and everyone did a fantastic job!

Being retired, and able to watch the project on a daily basis, I was very impressed. Every work group worked smoothly and quickly. The amount of work that goes into the individual steps is incredible and to watch it happen and progress each day made me realize how hard these guys (and gals) work!!

Every group of workers were friendly, considerate and always ready and willing to answer questions that I'm sure they were asked several times a day!

So, THANK YOU for a job well done. Our new street is LOVELY!!

The Hiser's
1450 Caldwell

P.S. And thanks for not messing with our cul-de-sac!!!



2018 Street Revitalization Project Schedule Update: (Week of August 13, 2018)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction			Construction											Landscaping		Percent Complete		
		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	
1. ABBEYWOOD DRIVE - PHASE I Governors Ln to Queensbury Cir (N)	7/18/2018																			69%
2. ABBEYWOOD DRIVE - PHASE II Queensbury Cir (N) to Jamestown Cir (S)	6/25/2018																			71%
3. ABBEYWOOD DRIVE - PHASE III Jamestown Cir (S) to Kensington Ln	6/4/2018		n/a					n/a		n/a										75%
4. ASHLEY COURT Ashley Rd to End of Street	7/25/2018																			43%
5. BARDWICK COURT Essington Ln to End of Street	8/14/2018																			
6. CALDWELL LANE Oakmont Rd to Kingsdale Rd	5/22/2018																			86%
7. CASTAWAY COURT Castaway Ln to End of Street	8/6/2018																			7%
8. CHATSWORTH LANE Dexter Ln (N) to Dovington Dr	5/30/2018																			86%
9. CLAREMONT ROAD Heather Ln to Hillcrest Blvd	5/31/2018		n/a																	71%
10. COLONY COURT Colony Ln to End of Street	6/27/2018																			86%
11. ESSINGTON COURT Essington Ln to End of Street	8/14/2018																			
12. HARTFORD COURT Highland Blvd to End of Street	7/26/2018																			43%
13. HILLSIDE COURT Norman Dr to End of Street	6/28/2018																			86%
14. NORRIDGE LANE Payson St to Illinois Blvd	5/14/2018																			86%
15. WESTHAVEN COURT Dukesberry Ln to End of Street	8/7/2018																			7%
16. WINSTON LANE Winston Dr to End of Street	6/27/2018																			86%

¹Tentative / Actual

Completed	In Progress
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2018 Street Revitalization Project Schedule Update: (Week of August 13, 2018)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. ALDER COURT Alder Dr (N) to End of Street	8/27/2018																
2. BAYSIDE COURT (E) Bayside Cir to End of Street	5/17/2018					n/a						n/a					95%
3. BICEK DRIVE Sapphire Dr to Burnham Dr	5/16/2018							n/a				n/a					95%
4. COLGATE COURT Highland Blvd to End of Street	9/3/2018																
5. DRESDEN DRIVE Freeman Rd to Haman Ave	8/27/2018																
6. DRIFTWOOD COURT Shorewood Dr to End of Street	8/27/2018																
7. GARNET CIRCLE Sapphire Dr to Sapphire Dr	8/20/2018																
8. LAFAYETTE LANE Hampton Rd to End of Street	9/3/2018																
9. LARCHMONT ROAD Newport Rd to Lafayette Ln	9/3/2018																
10. McDONOUGH ROAD Rohrsen Rd to Nicholson Dr	6/14/2018																96%
11. NICHOLSON DRIVE McDonough Rd to End of Street	6/15/2018											n/a					95%
12. OPAL DRIVE Olmstead Dr to Topaz Dr	8/20/2018																
13. TURNBERRY DRIVE Chambers Dr to Chambers Dr	5/16/2018											n/a					95%
14. WESTBRIDGE COURT Westbury Dr to End of Street	8/27/2018																
¹ Tentative / Actual											Completed		In Progress				

All resurfacing streets to be completed within 30 days of start date

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.