

6:40 p.m. – Boards & Commissions Interview

**AGENDA**  
**PUBLIC WORKS & UTILITIES COMMITTEE**  
**Village of Hoffman Estates**  
**June 25, 2018**

7:00 p.m. Village Board Room

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 – June 4, 2018**

**NEW BUSINESS**

1. Request approval of a resolution setting forth prevailing hourly wage rate paid to employees engaged in work awarded under public contract.
2. Request authorization to extend 2017 contract for 2018-2019 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$4,941.00, total contract amount not to exceed \$59,292.00.
3. Request authorization for the Village to participate in the Northwest Municipal Conference (NWMC) Suburban Purchasing Cooperative (SPC) for a one-year contract with Gas Depot, Morton Grove, IL, for joint purchase of diesel fuel and gasoline.
4. Request authorization to award contract to Baxter & Woodman Consulting Engineers, Crystal Lake, IL for engineering services required for compliance with the Metropolitan Water Reclamation District (MWRD) Infiltration/Inflow Control Program (IICP), in an amount not to exceed \$273,000.

**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](http://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**

**June 4, 2018**

**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 Karen Arnet  
Mayor William McLeod**

**Management Team Members  
in Attendance:**

**Art Janura, Corporation Counsel  
Patti Cross, Asst. Corporation Counsel  
Dan O'Malley, Deputy Village Manager  
Patrick Fortunato, Acting Fire Chief  
Alan Wenderski, Village Engineer  
Ted Bos, Police Chief  
Joe Nebel, Director of Public Works  
Audra Marks, Asst. Director of HHS  
Fred Besenhoffer, Director of IS  
Suzanne Ostrovsky, Asst. to the Village Mgr.  
Bev Romanoff, Village Clerk  
Ben Gibbs, GM Sears Centre  
Bruce Anderson, CATV Coordinator**

The Public Works & Utilities Committee meeting was called to order at 7:29 p.m.

**II. Approval of Minutes – April 23, 2018**

Motion by Trustee Gaeta, seconded by Trustee Mills, to approve the minutes of the Public Works & Utilities Committee meeting of April 23, 2018. Voice vote taken. All ayes. Motion carried.

**NEW BUSINESS**

- 1. Request authorization to waive bidding and purchase one (1) replacement heavy-duty Grapple Loader and Body through NJPA Contract pricing from Petersen Industries, Lake Wales, FL, from their local dealer EJ Equipment, Inc., Manteno, IL in an amount not to exceed \$102,822.56.**

An item summary sheet by Mr. Nebel, Mr. Kerr and Mr. Markko was presented to committee.

Trustees Pilafas and Gaeta inquired about the use of the old truck and when the new truck would be delivered. Mr. Nebel indicated the older vehicle (a 2005) would be auctioned off and the new one will most likely be received in the fall.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to purchase one (1) replacement heavy-duty Grapple Loader and Body through NJPA Contract pricing from Petersen Industries, Lake Wales, FL, from their local dealer EJ Equipment, Inc., Manteno, IL in an amount not to exceed \$102,822.56. Voice vote taken. All ayes. Motion carried.

- 2. Request authorization to waive bidding and purchase one (1) replacement heavy-duty truck chassis cab through State of Illinois Joint Purchase Contract pricing from Rush Truck Center of Illinois, Inc., Chicago, IL (low State Contract bid), in an amount not to exceed \$90,682.**

An item summary sheet by Mr. Nebel, Mr. Kerr and Mr. Markko was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to purchase one (1) replacement heavy-duty truck chassis cab through State of Illinois Joint Purchase Contract pricing from Rush Truck Center of Illinois, Inc., Chicago, IL (low State Contract bid), in an amount not to exceed \$90,682. Voice vote taken. All ayes. Motion carried.

- 3. Request authorization to award contract for the Higgins Road and Oakmont Road Sanitary Sewer Rehabilitation Project (Phase II) to Insituform Technologies USA, LLC of Chesterfield, MO (low bid), in the amount of \$388,721 to include contingency work.**

An item summary sheet by Mr. Nebel, Mr. Wenderski was presented to committee.

Mr. Nebel provided details on the project.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to award contract for the Higgins Road and Oakmont Road Sanitary Sewer Rehabilitation Project (Phase II) to Insituform Technologies USA, LLC of Chesterfield, MO (low bid), in the amount of \$388,721 to include contingency work. Voice vote taken. All ayes. Motion carried.

- 4. Request authorization to waive bidding and purchase one (1) replacement heavy-duty dump body and behind the cab tool box through NJPA Contract pricing from Monroe Truck Equipment, Monroe, WI in an amount not to exceed \$13,477.**

An item summary sheet by Mr. Nebel, Mr. Kerr and Mr. Markko was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to purchase one (1) replacement heavy-duty dump body and behind the cab tool box through NJPA Contract pricing from Monroe Truck Equipment, Monroe, WI in an amount not to exceed \$13,477. Voice vote taken. All ayes. Motion carried.

- 5. Request authorization to waive bidding and award contract for engineering services for exterior and interior painting and maintenance work on Water Towers at Stonington Ave. (T-2) and Huntington Blvd. (T-4) to Dixon Engineering Inc., Yorkville, IL, in an amount not to exceed \$47,525.05.**

An item summary sheet by Mr. Nebel, Mr. Xiao was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to award contract for engineering services for exterior and interior painting and maintenance work on Water Towers at Stonington Ave. (T-2) and Huntington Blvd. (T-4) to Dixon Engineering Inc., Yorkville, IL, in an amount not to exceed \$47,525.05. Voice 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 Pilafas, to accept the Department of Public Works Monthly Report. Voice 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 Pilafas, to accept the Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division. Voice vote taken. All ayes. Motion carried.

**III. President's Report**

**IV. Other**

**V. Items in Review**

**VI. Adjournment**

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to adjourn the meeting at 7:38 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

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

\_\_\_\_\_  
Date

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request approval of a resolution setting forth prevailing hourly wage rate paid to employees engaged in work awarded under public contract.

**MEETING DATE:** June 25, 2018

**COMMITTEE:** Public Works & Utilities

**FROM:** Arthur Janura, Corporation Counsel  
Joseph Nebel, Director of Public Works

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**PURPOSE:** Provide information for establishing prevailing hourly wage rates paid to employees engaged in work awarded under public contract as determined by the Illinois Department of Labor.

**DISCUSSION:** State law requires this Resolution be passed on an annual basis. The current prevailing wage schedule was published by the Illinois Department of Labor and is effective on or after September 1, 2017.

**RECOMMENDATION:** Request approval of a resolution setting forth prevailing hourly wage rate paid to employees engaged in work awarded under public contract.

RESOLUTION NO. \_\_\_\_\_ - 2018

VILLAGE OF HOFFMAN ESTATES

A RESOLUTION SETTING FORTH  
PREVAILING HOURLY WAGE RATE  
PAID TO EMPLOYEES ENGAGED IN  
WORK AWARDED UNDER PUBLIC CONTRACT

WHEREAS, 820 ILCS 130/04 requires that the general prevailing hourly wage rate shall be paid to employees engaged in work awarded under public contract; and

WHEREAS, the statutes further provide that these rates be publicly posted and/or kept available for inspection by interested parties and that a certified copy thereof be filed in the office of the Illinois Department of Labor in accordance with 820 ILCS 130/9 (effective July 1, 2015).

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

Section 1: That it has been ascertained that the wage rates as attached hereto as Exhibit "A" as determined by the Illinois Department of Labor are the prevailing hourly rates during the month of June 2017 being paid to all skilled and unskilled workers engaged in the construction of streets and other projects under the Village of Hoffman Estates jurisdiction from and after this date.

Section 2: That the above information shall not be construed to apply to the prevailing hourly wage rates for employment in Hoffman Estates other than Public Works construction as defined in the Act.

Section 3: That the Village Clerk of the Village of Hoffman Estates is hereby directed to file, no later than July 13, 2018, a certified copy of this Resolution in the Office of the Illinois Department of Labor.

Section 4: That this Resolution shall be in full force and effect immediately from and after its passage and approval.

PASSED THIS \_\_\_\_\_ day of \_\_\_\_\_, 2018

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 \_\_\_\_\_, 2018

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

ATTEST:

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

**Prevailing Wage rates  
for Cook County  
effective Sept. 1, 2017**

<b>Trade Title</b>	<b>Region</b>	<b>Type</b>	<b>Class</b>	<b>Base Wage</b>	<b>Fore-man Wage</b>	<b>M-F OT</b>	<b>OSA</b>	<b>OSH</b>	<b>H/W</b>	<b>Pension</b>	<b>Vacation</b>	<b>Training</b>
ASBESTOS ABT-GEN	ALL	ALL		41.20	42.20	1.5	1.5	2	14.65	12.32	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.46	39.96	1.5	1.5	2	11.62	11.06	0.00	0.72
BOILERMAKER	ALL	BLD		48.49	52.86	2	2	2	6.97	19.61	0.00	0.90
BRICK MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
CARPENTER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
CEMENT MASON	ALL	ALL		44.25	46.25	2	1.5	2	14.00	17.16	0.00	0.92
CERAMIC TILE FNSHER	ALL	BLD		38.56	38.56	1.5	1.5	2	10.65	11.18	0.00	0.68
COMM. ELECT.	ALL	BLD		43.10	45.90	1.5	1.5	2	8.88	13.22	1.00	0.85
ELECTRIC PWR EQMT OP	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRIC PWR GRNDMAN	ALL	ALL		39.39	55.50	1.5	1.5	2	9.12	13.02	0.00	2.43
ELECTRIC PWR LINEMAN	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRICIAN	ALL	ALL		47.40	50.40	1.5	1.5	2	14.33	16.10	1.00	1.18
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
FENCE ERECTOR	ALL	ALL		39.58	41.58	1.5	1.5	2	13.40	13.90	0.00	0.40
GLAZIER	ALL	BLD		42.45	43.95	1.5	1.5	2	14.04	20.14	0.00	0.94
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	ALL	ALL		47.33	49.33	2	2	2	14.15	22.39	0.00	0.35
LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	14.65	12.32	0.00	0.50
LATHER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
MACHINIST	ALL	BLD		47.56	50.06	1.5	1.5	2	7.05	8.95	1.85	1.47
MARBLE FINISHERS	ALL	ALL		33.95	33.95	1.5	1.5	2	10.45	15.52	0.00	0.47
MARBLE MASON	ALL	BLD		44.63	49.09	1.5	1.5	2	10.45	16.28	0.00	0.59
MATERIAL TESTER I	ALL	ALL		31.20	31.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MILLWRIGHT	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63

OPERATING ENGINEER	ALL	BLD	1	50.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	2	48.80	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	3	46.25	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	4	44.50	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	5	53.85	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	6	51.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	7	53.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	FLT	1	55.90	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	2	54.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	3	48.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	4	40.25	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	5	57.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	6	38.00	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	HWY	1	48.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	2	47.75	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	3	45.70	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	4	44.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	5	43.10	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	6	51.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	7	49.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
ORNAMNTL IRON WORKER	ALL	ALL		46.75	49.25	2	2	2	13.90	19.79	0.00	0.75
PAINTER	ALL	ALL		45.55	51.24	1.5	1.5	1.5	11.56	11.44	0.00	1.87
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIVER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	10.05	17.85	0.00	2.12
PLASTERER	ALL	BLD		42.75	45.31	1.5	1.5	2	14.00	15.71	0.00	0.89
PLUMBER	ALL	BLD		49.25	52.20	1.5	1.5	2	14.34	13.35	0.00	1.28
ROOFER	ALL	BLD		42.30	45.30	1.5	1.5	2	9.08	12.14	0.00	0.58
SHEETMETAL WORKER	ALL	BLD		43.50	46.98	1.5	1.5	2	11.03	23.43	0.00	0.78
SIGN HANGER	ALL	BLD		31.31	33.81	1.5	1.5	2	4.85	3.28	0.00	0.00



SPRINKLER FITTER	ALL	BLD		47.20	49.20	1.5	1.5	2	12.25	11.55	0.00	0.55
STEEL ERECTOR	ALL	ALL		42.07	44.07	2	2	2	13.45	19.59	0.00	0.35
STONE MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
TERRAZZO FINISHER	ALL	BLD		40.54	40.54	1.5	1.5	2	10.65	12.76	0.00	0.73
TERRAZZO MASON	ALL	BLD		44.38	47.88	1.5	1.5	2	10.65	14.15	0.00	0.82
TILE MASON	ALL	BLD		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRAFFIC SAFETY WRKR	ALL	HWY		33.50	35.85	1.5	1.5	2	6.00	7.25	0.00	0.50
TRUCK DRIVER	E	ALL	1	35.60	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	2	35.85	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	3	36.05	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	4	36.25	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	W	ALL	1	35.98	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	2	36.13	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	3	36.33	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	4	36.53	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TUCKPOINTER	ALL	BLD		45.42	46.42	1.5	1.5	2	8.32	15.42	0.00	0.80

**Legend**

**M-F OT** Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

**OSA** Overtime pay required for every hour worked on Saturdays

**OSH** Overtime pay required for every hour worked on Sundays and Holidays

**H/W** Health/Welfare benefit

**Explanations COOK COUNTY**

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

**TRUCK DRIVERS (WEST)** - That part of the county West of Barrington Road.

## EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

## CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

## COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

## MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

#### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum;

Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

#### OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.;

Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

#### OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

#### TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

#### TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

#### LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

#### MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to extend 2017 contract for 2018-2019 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$4,941.00, total contract amount not to exceed \$59,292.00.

**MEETING DATE:** June 25, 2018

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works  
Paul Petrenko, Superintendent of Facilities and Arena Maintenance



**PURPOSE:** Janitorial maintenance services for Village Hall, Police Department, Public Works, Fleet Services, and Fire Station #24 facilities for the period August 1, 2018 through July 31, 2019.

**BACKGROUND:** The current contract for the janitorial maintenance on the Village Hall, Police Department, Susan Kenley-Rupnow Public Works Center, Vehicle Maintenance Building and Fire Station 24 was based on the evaluation of an RFP issued on June 5, 2017. The Village received proposals from six (6) firms.

Only four of the competing firms were priced within our budget range. The rest, while highly qualified, were eliminated from consideration largely due to cost considerations.

Eco Clean Maintenance was recommended due to their overall qualifications, their green experience and low cost. The Village Board approved the contract award on July 7, 2017.

The Village has the option to extend the contract annually for an additional two (2) years if the current services that are being provided are determined to be acceptable as well.



**DISCUSSION:**

Although their lack of proper supervision has been addressed on a couple of occasions, there were very few complaints related to cleaning service levels, as the cleaning crew are very familiar with the Village's cleaning standards and expectations. The number of cleaning exceptions has been minimal and is currently viewed by staff to be at a satisfactory level for all four Village facilities.

Cleaning levels are closely monitored by staff to determine whether any corrections are needed. Any problems that have occasionally surfaced have been resolved expediently and to our satisfaction. The use of green products has also had a measurable impact on the quality of cleaning and the environmental sustainability of our facilities. The contract includes additional periodic cleaning services at Fire Station 24 of the public space and the EOC following public usage.

Based on the satisfactory performance of the current cleaning contractor, it is recommended that the janitorial contract is extended for the second year of the three year option.

**FINANCIAL IMPACT:**

\$70,500	Annual budget for FY2018 routine janitorial services for the Village Hall, Police Department, Susan Kenley-Rupnow Public Works Center & Vehicle Maintenance Building
\$59,292	Annual amount of RFP contract for 2018-2019 service year excluding extras (\$4,941 Monthly)
\$8,000	Balance for extra cleaning services as needed (see explanation below)

Authorization is requested to utilize the additional \$10,204 as allocated in the 2018 budget for special cleaning services as needed. This includes window washing, special floor cleaning, waxing, carpet cleaning, fixture cleaning, Sunderlage Farm, Fire Station #24 EOC/Training and Public Meeting Room cleaning.

**RECOMMENDATION:**

Request authorization to extend 2017 contract for 2018-2019 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$4,941.00, total contract amount not to exceed \$59,292.00.

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization for the Village to participate in the Northwest Municipal Conference (NWMC) Suburban Purchasing Cooperative (SPC) for a one-year contract with Gas Depot, Morton Grove, IL, for joint purchase of diesel fuel and gasoline.

**MEETING DATE:** June 25, 2018

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works  
Kelly Kerr, Assistant Director of Public Works  
Bob Markko, Fleet Supervisor

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**PURPOSE:** To participate in the current fuel contract with Gas Depot, Morton Grove, IL.

**BACKGROUND:** The Village has purchased fuel through this joint purchasing organization since 2001. On June 15, 2018, the Suburban Purchasing Cooperative Governing Board approved the second of three possible one-year contract extensions with Gas Depot, Morton Grove, IL. A letter regarding the contract is attached along with information and pricing related to the original contract.

**DISCUSSION:** Staff recommends the continuation of participating in the Joint Purchase Program contract for fuel purchase from Gas Depot, Morton Grove, IL. This one year contract provides the Village a fuel supply at an extremely competitive cost. By pooling the fuel demands of many municipalities we are able to secure better pricing.

**FINANCIAL IMPACT:** The recommended action will result in cost savings for both unleaded gasoline and diesel fuel. There is a total of \$454,600 budgeted for fuel in 2018. To date the average cost per gallon for 2018 through this contract has been \$2.17/gallon for unleaded and \$2.40 /gallon for diesel.

**RECOMMENDATION:** Request authorization for the Village to participate in the Northwest Municipal Conference (NWMC) Suburban Purchasing Cooperative (SPC) for a one-year contract with Gas Depot, Morton Grove, IL, for joint purchase of diesel fuel and gasoline.



# *A Joint Purchasing Program For Local Government Agencies*

June 15, 2018

Mr. Arnie Berg  
Gas Depot Oil Company  
8930 N. Waukegan Road, Suite 230  
Morton Grove, IL 60053

Dear Mr. Berg,

This letter is to inform you that the Suburban Purchasing Cooperative's Governing Board has approved the second of three (3) contract extensions on SPC Contract #159 for the 2016 Gasoline (87, 89, & 92 Octane), Diesel Fuel, Ethanol 75 & 85 and B20 Bio Diesel Fuel to Gas Depot Oil Company, Morton Grove, IL from July 6, 2018 through July 5, 2019. The Suburban Purchasing Cooperative (SPC) reserves the right to extend the contract for one additional one-year period under the same terms and conditions of the original contract.

With acceptance of this contract, Gas Depot Oil Company, Morton Grove, IL agrees to all terms and conditions set forth in the specifications contained within the Request for Proposals to which you responded.

Gas Depot Oil Company, Morton Grove, IL will handle all billing. Gas Depot shall remit to the NWMC Purchasing Manager on a quarterly basis, an amount equal to .5% of the total dollar volume for the quarter. Contractor must furnish a report of purchases made from the contract by the 15th of the month following the end of each fiscal quarter:

- Quarter 1 – May, June, July
- Quarter 2 – August, September, October
- Quarter 3 – November, December, January
- ~~Quarter 4 – February, March, April~~

This report is to be submitted to the NWMC Purchasing Manager, 1600 East Golf Road, Suite 0700, Des Plaines, Illinois 60016 and shall include the following information: ordering municipality, date of order, date of delivery, item descriptions, total quantity delivered, item price (including mark-up and applicable taxes), total order extended price, and total volume for the quarter.

*DuPage Mayors &  
Managers Conference*  
1220 Oak Brook Road  
Oak Brook, IL 60523  
Suzette Quintell  
Phone: (630) 571-0480  
Fax: (630) 571-0484

*Northwest Municipal  
Conference*  
1600 East Golf Rd., Suite 0700  
Des Plaines, IL 60016  
Ellen Davan, CPPB  
Phone: (847) 296-9200  
Fax: (847) 296-9207

*South Suburban Mayors  
And Managers Association*  
1904 West 17<sup>th</sup> Street  
East Hazel Crest, IL 60429  
Kristi DeLaurentiis  
Phone: (708) 206-1155  
Fax: (708) 206-1133

*Will County  
Governmental League*  
3180 Theodore Street, Suite 101  
Joliet, IL 60435  
Cherie Beloni  
Phone: (815) 729-3535  
Fax: (815) 729-3536

The SPC looks forward to another productive year working with Gas Depot, Morton Grove, IL. Please sign and date this agreement below, retaining copies for your files and returning the original to my attention.

Sincerely,

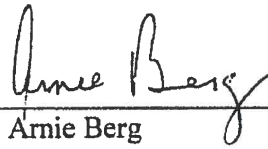


Ellen Dayan, CPPB  
Purchasing Director  
Northwest Municipal Conference



06.15.18

Name: Ellen Dayan Date  
Northwest Municipal Conference



6/15/18

Name: Arnie Berg Date  
Gas Depot Oil Company

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**DuPage Mayors & Managers Conference**  
1220 Oak Brook Road  
Oak Brook, IL 60523  
Suzette Quintell  
Phone: (630) 571-0480  
Fax: (630) 571-0484

**Northwest Municipal Conference**  
1600 East Golf Rd., Suite 0700  
Des Plaines, IL 60016  
Ellen Dayan, CPPB  
Phone: (847) 296-9200  
Fax: (847) 296-9207

**South Suburban Mayors And Managers Association**  
1904 West 174<sup>th</sup> Street  
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Kristi DeLaurentiis  
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Fax: (708) 206-1133

**Will County Governmental League**  
3180 Theodore Street, Suite 101  
Joliet, IL 60435  
Cherie Belom  
Phone: (815) 729-3535  
Fax: (815) 729-3536

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to award contract to Baxter & Woodman Consulting Engineers, Crystal Lake, IL for engineering services required for compliance with the Metropolitan Water Reclamation District (MWRD) Infiltration/Inflow Control Program (IICP), in an amount not to exceed \$273,000.

**MEETING DATE:** June 25, 2018

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works  
Haileng Xiao, Superintendent of Water & Sewer

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**PURPOSE:** Authorize contract award to Baxter & Woodman Consulting Engineers for engineering and field services for compliance with the MWRD Infiltration/Inflow Control Program (IICP).

**BACKGROUND:** In July 2014, the Metropolitan Water Reclamation District adopted within its Watershed Management Ordinance, Article 8 which contains the Infiltration/Inflow Control Program (IICP) with the goals of:

- Preventing basement backups and sanitary sewer overflows.
- Complying with National Pollutant Discharge Elimination System (NPDES) permit conditions.
- Reducing wet-weather flows to MWRD Water Reclamation Plants.

This program applies to all municipalities that own or operate separate sanitary sewer systems that are tributary to MWRD systems. Annual documentation and reporting of the Infiltration/Inflow Control Program is required.

Within the first five years (starting January 2015 and ending January 2020), the Village is required to complete the Short Term Requirements (for High Risk Areas):

1. Conduct a prioritized condition assessment of high risk public sanitary sewer system infrastructure through various inspection and testing methods.

## **BACKGROUND, Continued:**

2. Begin rehabilitation of major defects within three years of identification.
3. Utilize inspections to catalog illegal connections in high risk areas for disconnection in Private Sector Program (PSP).
4. Develop and implement a Private Sector Program (PSP).
5. Develop and submit annual reports under the Short Term Requirements and Long Term Operation and Maintenance Program (LTOMP).

In early 2014, Baxter & Woodman engineers (B&W), began to work with the Village to achieve compliance with the MWRD's IICP, as part of the contractual scope of engineering services for sanitary sewer rehabilitation. B&W analyzed the general condition of the entire sanitary sewer collection system and divided it into 69 sub-basins. Out of the 69 basins a total of 12 sub-basins consisting of 534 sanitary sewer manholes and close to 124,000 feet of sanitary sewer mains were identified as "high risk areas" for infiltration/inflow. High risk areas are those with a history of sanitary sewer overflows, basement backups, sub-basins known to surcharge, areas with excessive lift station pumping during wet weather events, and areas up stream of the criteria listed above known to be significantly contributing to wet weather flows.

In previous years, as part of the annual sanitary sewer rehabilitation program and efforts to fulfill the required assessment of the system, a total of over 340 manholes and 108,000 feet of sanitary sewer main line were televised and inspected. A total of 18,770 feet of sanitary sewer in high risk areas identified with major deficiencies have been repaired or relined.

In 2018, staff made requests to MWRD in 2017's annual report for waiver and credit for the sanitary sewer investigation, study, and rehabilitation work completed in the years prior to the adoption of the IICP to prevent repeating similar work done in 2005. Staff was informed that a waiver for previously lined sanitary sewer mains would be approved however, the smoke and dyed water testing previously completed in 2005 is now outdated, and updated inspections of the sanitary sewer must be conducted. In addition, footage for all inspections of sanitary sewer has to be reviewed and categorized by priority for repairs by a qualified engineer to be compliant with the IICP.

## **DISCUSSION:**

To continue the Village's future compliance with MWRD's IICP, and to ensure the IICP deadlines are met, B&W submitted a proposal at staff's request to cover the following scope of engineering services:

1. Review and assess reports and camera footage of both manhole and sanitary sewer inspections and provide recommendation for rehabilitation and cost range of each manhole and sewer segment requiring repair.
2. Plan, manage, and conduct smoke and dye testing of the sanitary sewer in High Risk Areas to provide reports and recommendation and cost range of each manhole and sewer segment requiring repair.
3. Prepare annual compliance reports for 2018 and 2019.

4. Develop Private Sector Program (PSP) and Long Term Operation and Maintenance Program (LTOMP) in accordance with the MWRD IICP requirements.

B&W's proposal sufficiently covers engineering services for the remaining work required under the MWRD's IICP for 2018 and 2019, the proposed cost for the remaining work is \$273,000. B&W engineer's billing rate has been consistently reasonable and competitive. Staff believes that it is in the best interest of the Village to maintain continuity of the project by selecting B&W because of the familiarity, consistency and value that B&W engineers can deliver with this project.

**FINANCIAL IMPACT:**

The total proposed cost of \$273,000 for the project is sufficiently covered within the FY 2018 and FY 2019 bond.

**RECOMMENDATION:**

Request authorization to waive RFP process and award contract to Baxter & Woodman Consulting Engineers, Crystal Lake, IL for engineering services required for compliance with the Metropolitan Water Reclamation District (MWRD) Infiltration/Inflow Control Program (IICP), in an amount not to exceed \$273,000.

June 13, 2018

Mr. Haileng Xiao  
Water and Sewer Superintendent  
Village of Hoffman Estates  
1900 Hassell Road  
Hoffman Estates, IL 60169

***Subject: Village of Hoffman Estates – MWRDGC IICP Completion***

Dear Mr. Xiao:

Baxter & Woodman, Inc. appreciates the opportunity, and our ongoing relationship with Hoffman Estates to assist the Village in completing the Metropolitan Water Reclamation District (MWRD) Inflow & Infiltration Control Program (IICP). In 2014, MWRD adopted the Watershed Management Ordinance (WMO) in which Article 8 required satellite communities to implement an IICP program with a goal to reduce frequency of sanitary sewer overflows (SSOs) and basement backups (BBs), while eliminating inflow and infiltration (I/I).

The Program commenced on July 10, 2014 and is to be completed within a 5-year period. Within this timeframe, all satellite entities must conduct a specific Short Term Requirements including a condition assessment of their sewer system, undertake rehabilitation work to address I/I sources, annual reporting, and develop and submit their individual Long Term Operation and Maintenance Program (LTOMP) and Private Sector Program (PSP) to the District. Baxter & Woodman has completed the initial tasks of the IICP which spanned from 2014 to the present. Our continuing services will keep the Village in compliance with the MWRD IICP requirements.

The following is Baxter & Woodman's Scope of Services, in accordance with MWRD IICP requirements:

**Planned Scope of Services**

1. MANHOLE INSPECTIONS
  - Review inspection deliverables provided by the Village's contractor, Midwest Water Group (MWG).
  - Summarize data for reporting purposes.
2. SANITARY SEWER TELEVISION
  - Review and assess approximately 193,925 ft. of sewer television inspection videos and logs provided by the Village's contractor, American Underground.
  - Provide a recommendation for rehabilitation of each sewer segment requiring repair.
  - Provide rehabilitation costs for recommended repairs.



3. SMOKE TESTING

- Smoke testing approximately 125,000 lineal feet of the sanitary sewer system using high capacity blowers and liquid smoke.
- Prepare smoke testing notification letters on Village letterhead for the Village to mail to the affected addresses.
- Prepare and hang smoke testing door hangers at each address within two weeks of beginning the smoke testing.
- Notify local fire and police departments.
- Provide signage during the testing work.
- Document inappropriate smoke emission points using digital photos and building vent pipes that do not pass smoke.
- Prepare a written report detailing the results of the work, conclusions and recommendations.
- Provide rehabilitation costs for recommended repairs.

4. DYED-WATER TESTING

- Conduct dyed-water tests of storm sewer system (in areas where smoke was identified during smoke testing work) using inflatable plugs and dye mixed with water from adjacent fire hydrants.
- The extent of the work will not be determined until after the completion of the smoke testing. We are estimating approximately three (3) weeks of testing. The field investigations will be completed the the Village's contractor, American Underground.
- Prepare a written report detailing the results of the work, conclusions and recommendations.
- Provide rehabilitation costs for recommended repairs.

5. ANNUAL STATUS REPORTS

- Prepare the MWRD IICP Annual Status Reports for calender years 2018 and 2019.

6. LONG TERM OPERATION AND MAINTENANCE PROGRAM

- Develop a Long Term Operation and Maintenance Program (LTOMP) in accordance with the MWRD IICP requirements.

7. PRIVATE SECTOR PROGRAM

- Develop a Private Sector Program (PSP) in accordance with the MWRD IICP requirements.

We appreciate the opportunity to work with the Village again. If you have questions or need additional information, please do not hesitate to call Sean O'Dell at 815-444-4438 or email at [sodell@baxterwoodman.com](mailto:sodell@baxterwoodman.com).



Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS

A handwritten signature in black ink, appearing to read "Eric J. Murauskas".

Eric J. Murauskas, P.E.

Enc.

VILLAGE OF HOFFMAN ESTATES, ILLINOIS  
MWRD IICP COMPLETION  
ENGINEERING SERVICES AGREEMENT

THIS IS AN AGREEMENT effective as of \_\_\_\_\_, \_\_\_\_\_ (“Effective Date”) between Village of Hoffman Estates (“Owner”) and Baxter and Woodman, Inc. (“Engineer”).

Owner’s Project, of which the Engineer’s services under this Agreement are a part, is generally identified in Exhibit A (“Project”), attached hereto and incorporated herein by this reference.

Owner and Engineer in consideration of their mutual covenants set forth herein agree as follows:

1. **SERVICES OF ENGINEER**

1.1 Engineer shall provide, or cause to be provided, if part of its scope, the services set forth herein and in Exhibit B, attached hereto and incorporated herein by this reference.

2. **OWNER’S RESPONSIBILITIES**

2.1 Provide the Engineer with all criteria and full information as to the Owner’s requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, and any budgetary limitations; and furnish copies of all design and construction standards which Owner will require to be included in the Drawings and Specifications, and furnish copies of Owner’s standard forms, conditions, and related documents for Engineer to include in the Bidding Documents, when applicable.

2.2 Furnish the Engineer all available information pertinent to the Project including reports and data relative to previous designs, existing conditions, or investigations at or adjacent to the Site.

2.3 Furnish or otherwise make available additional project related information and data as is reasonably required to enable Engineer to complete the Project.

2.4 Owner warrants that all known hazardous materials on or beneath the site have been identified to the Engineer. The Engineer shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, unidentified or undisclosed hazardous materials. The Engineer shall not be required by the Owner to provide certifications that soils, including soil mixed with other clean construction or demolition debris, are or are not contaminated unless this service is set forth in Exhibit B.

- 2.5 The Engineer will rely, without liability, upon the accuracy and completeness of all information furnished by the Owner, including its consultants, contractors, specialty contractors, manufacturers, suppliers, and publishers of technical standards pursuant to this Agreement without independently verifying the information.
- 2.6 The Engineer may reasonably rely on the express and implied representations made by contractors, manufacturers, suppliers, and installers of equipment, materials, and products required by the construction documents as being suitable fit for their intended purposes and compliant with the construction documents and applicable project requirements.
- 2.7 Arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under this Agreement.

### 3. **SCHEDULE FOR RENDERING SERVICES**

- 3.1 Engineer is authorized to begin services as of the Effective Date.
- 3.2 Engineer shall complete its obligations within a reasonable time. Specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided in Exhibit B, and are hereby agreed to be reasonable.
- 3.3 If Owner authorizes changes in the scope, extent, or character of the Project, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation shall be adjusted equitably.
- 3.4 If the Engineer is hindered, delayed or prevented from performing under the Agreement as a result of any act or neglect of the Owner (or those for whom the Owner is responsible) or force majeure, the time for completion of the Engineer's work shall be extended by the period of the resulting delay and the rates and amounts of Engineer's compensation shall be adjusted equitably. Force majeure includes, but is not limited to acts of God, wars, terrorism, strikes, labor walkouts, fires, natural disasters, or requirements of governmental agencies.

### 4. **COMPENSATION, INVOICES AND PAYMENTS**

- 4.1 The Owner shall pay the Engineer for the professional services performed or furnished under Exhibit B, Sections 1 through 7 based upon the Engineer's standard hourly billing rates for actual work time performed plus reimbursement of out-of-pocket expenses including travel, which will not exceed **\$273,000**, Engineer's Project No. 180478.30. The Engineer may adjust the hourly billing rate and out-of-pocket expenses on or about January 1 of each subsequent year and will send the new schedule to the Owner.

The proposed fee includes not-to-exceed payments to the Village's contractors as follows:

American Underground (Dyed-Water Testing) - \$52,500

Midwest Water Group (Smoke Testing) - \$85,570

Any additional costs incurred by the contractors listed above will be paid by the Village outside of this contract.

The proposed fee does not include the cost for sewer televising by American Underground nor the cost for manhole inspections, both of which will be paid directly by the Village.

- 4.2 The Engineer may submit requests for periodic progress payments for services rendered. Payments shall be due and owing by the Owner in accordance with the terms and provisions of the Local Government Prompt Payment Act, Illinois Compiled Statutes, Ch.50, Sec. 505, et. Seq.; and if Owner fails to comply, the Engineer may, after giving seven (7) days written notice to the Owner, suspend services under this Agreement until the Engineer has been paid in full all amounts due for services, expenses, and late payment charges as provided in such Act.
- 4.3 The Owner may, at any time, by written order, make changes to the scope of this Agreement, which changes shall not become effective unless and until Engineer issues its written acceptance of same. If such changes cause an increase or decrease in the Engineer's fee or time required for performance of any services under this Agreement, an equitable adjustment shall be made and this Agreement shall be modified. No service for which added compensation is to be charged will be provided without first obtaining written authorization from the Owner. The parties further agree that if elements of the scope are reduced or eliminated by the Owner, then the Owner agrees to waive, forgive, release, and hold harmless the Engineer from all claims, causes of action, and damages arising from those reduced and/or eliminated services. The Engineer shall not be responsible for the changes made to the project documents by the Owner, contractor, or others without the Engineer's prior review and written approval.

## 5. **OPINION OF PROBABLE CONSTRUCTION COSTS**

- 5.1 The Engineer's opinion of probable construction costs, if included in its scope of services, represents its reasonable judgment as a professional engineer. The Owner acknowledges that the Engineer has no control over construction costs or contractor's methods of determining prices, or over competitive bidding, or market conditions. The Engineer cannot and does not warranty or guarantee that proposals, bids, or actual construction costs will not vary from the Engineer's opinion of probable cost. Engineer shall not be responsible for any cost variance.

## 6. **ENGINEER'S PERFORMANCE**

- 6.1 The standard of care for all professional engineering and related services performed or furnished by the Engineer under this Agreement will be the care and skill ordinarily used by members of Engineer's profession practicing under similar circumstances at the same time and in the same locality on similar projects. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with Engineer's services.
- 6.2 Engineer shall be responsible for the technical accuracy of its services and its instruments of service resulting therefrom, and Owner shall not be responsible for discovering deficiencies, if any, in them. Engineer shall correct known deficiencies in its instruments of service without additional compensation except to the extent such action is directly attributable to deficiencies, errors or omissions in Owner-furnished information.
- 6.3 The Engineer will use reasonable care to comply with applicable laws, regulations, and Owner-mandated standards as of this Agreement's Effective Date. Changes to these requirements after the Effective Date of this Agreement may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation, which shall be adjusted equitably.
- 6.4 Engineer may employ such sub-consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive written objections by the Owner.
- 6.5 Engineer shall not supervise, direct, control, or have charge or authority over any contractor's work, nor shall the Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the site, nor for any failure of any contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work.
- 6.6 Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform the work in accordance with the contract documents, which contractor is solely responsible for its errors, omissions, and failure to carry out the work.
- 6.7 Engineer shall not provide or have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction or surety bonding requirements.
- 6.8 Engineer is not acting as a municipal advisor as defined by the Dodd-Frank Act. Engineer shall not provide advice or have any responsibility for municipal financial products or securities.

- 6.9 Engineer shall not be responsible for the acts of omissions of any contractor, subcontractor, or supplier, or of any of their agents or employees or any other person, (except Engineer's own agents, employees, and consultants) at the site or otherwise furnishing or performing any work; or for any decision made regarding the contract documents, or any application, interpretation, or clarification, of the contract documents, other than those made by the Engineer.
- 6.10 Shop drawing and submittal review by Engineer shall apply only to the items in the submissions and only for the purpose of assessing, if upon installation or incorporation in the Project, they are generally consistent with the construction documents. Owner agrees that the contractor is solely responsible for the submissions (regardless of the format in which provided, i.e. hard copy or electronic transmission) and for compliance with the contract documents. Owner further agrees that the Engineer's review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend to safety programs of precautions. Engineer's consideration of a component does not constitute acceptance of the assembled item.
- 6.11 Engineer's site observation shall be at the times agreed upon in Exhibit B. Through standard, reasonable means, Engineer will become generally familiar with observable completed work. If Engineer observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and Owner to address.

## 7. **INSURANCE**

- 7.1 For the duration of the Project, the Engineer shall procure and maintain the following insurance coverage and Certificates of Insurance will be provided the Owner upon written request. The insurance required shall provide coverage for not less than the following amounts, or greater where required by law:

(1)	Worker's Compensation	Statutory Limits
(2)	General Liability	
	Per Claim/Aggregate	\$1,000,000/\$2,000,000
(3)	Automobile Liability	
	Combined Single Limit	\$1,000,000

(4)	Excess Umbrella Liability	
	Per Claim/ Aggregate	\$5,000,000/\$5,000,000
(5)	Professional Liability	
	Per Claim and Aggregate	\$5,000,000/\$5,000,000

7.2 Notwithstanding any other provisions of this Agreement, and to the fullest extent permitted by law, the total liability, of the Engineer and their officers, directors, employees, agents, or consultants to anyone claiming by, through or under Owner for any claims, losses, costs, or damages arising out of, resulting from, of in any way related to the Project or the Agreement for any claim or cause of action, including but not limited to the negligence, professional errors or omissions strict liability, breach of contract, indemnity, subrogation or warranty (express or implied), hereafter referred to as the "Claims", shall not exceed the total remaining insurance proceeds available under the terms and conditions of Engineer's responding insurance policy.

**8. INDEMNIFICATION AND MUTUAL WAIVER**

8.1 To the fullest extent permitted by law, Engineer shall indemnify and hold harmless the Owner and its officers and employees from claims, costs, losses, and damages arising out of or relating to the Project, provided that such claims, costs, losses, or damages are attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom, but only to the extent caused by the Engineer's negligent acts or omissions.

8.2 Owner shall indemnify and hold harmless the Engineer and its officers, directors, employees, agents and consultants from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project provided that any such claims, costs, losses, or damages are attributable to bodily injury, sickness, disease, or death of, or destruction of tangible property, including the loss of use resulting therefrom, but only to the extent caused by the negligent acts or omissions of Owner or its officers, directors, employees, consultants, agents, or others retained by or under contract to the Owner with respect to this Agreement and/or to the Project.

8.3 To the fullest extent permitted by law, Owner and Engineer waive against each other, and the other's employees, officers, directors, insurers, and consultants, any and all claims for or entitlement to special, incidental, indirect, exemplary, or consequential damages arising out of, resulting from, or in any way related to the Project or Engineer's services.



- 8.4 In the event claims, losses, damages or expenses are caused by the joint or concurrent fault of the Engineer and Owner, they shall be borne by each party in proportion to their respective fault, as determined by a mediator or court of competent jurisdiction.
- 8.5 The Owner acknowledges that the Engineer is a business corporation and not a professional service corporation, and further acknowledges, accepts, and agrees that the Engineer's officers, directors, and employees shall not be subject to any personal liability for services provided under this Agreement.

## 9. **TERMINATION**

- 9.1 This Agreement may be terminated, in whole or in part, by either party if the other party fails to fulfill its obligations under this Agreement through no fault of the terminating party. The Owner may terminate this Agreement, in whole or in part, for its convenience. However, no such termination will be effective unless the terminating party gives the other party (1) not less than ten (10) business day's written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party to resolve the dispute before termination.
- 9.2 If this Agreement is terminated by either party, the Engineer shall be paid for services performed to the effective date of termination, including reimbursable expenses. In the event of termination, the Owner will receive reproducible copies of Drawings, Specifications and other documents completed by the Engineer up to the date of termination.

## 10. **USE OF DOCUMENTS**

- 10.1 All documents (data, calculations, reports, Drawings, Specifications, Record Drawings and other deliverables, whether in printed form or electronic media format, provided by Engineer to Owner pursuant to this Agreement) are instruments of service in respect to this Project, and the Engineer shall retain an ownership and property interest therein (including the copyright and right of reuse at the discretion of the Engineer) regardless of the Project's completion. Owner shall not rely in any way on any document unless it is in printed form, signed or sealed by the Engineer or one of its consultants.
- 10.2 Either party to this Agreement may rely that data or information set forth on paper (also known as hard copy) that the party receives from the other party by mail, hand delivery, or facsimile, are the items that the other party intended to send. Information in electronic format or text, data, graphics, or other types that are furnished by one party to the other are furnished only for convenience and not for reliance by the receiving party. The use of such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies will govern.

- 10.3 Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests and/or procedures within 60 calendar days of receipt, after which the receiving party shall be deemed to have accepted the transferred data thus. Any transmittal errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files.
- 10.4 When transferring documents in electronic media format, the transferring party makes no representations as to long-term compatibility, usability, or readability of such information resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the creator.
- 10.5 The Engineer's document retention policy will be followed upon Project closeout. Executed copies of agreements, work orders, letters of understanding or proposals; design or other documents created by the Engineer or received from the Owner or a third party: plan review submittals from a third party and the Engineer's review of those submittals; and studies or reports prepared by the Engineer will be kept for a period of 14 years after Project closeout.

#### **11. SUCCESSORS, ASSIGNS AND BENEFICIARIES**

- 11.1 Owner and Engineer are hereby bound, as are their respective successors, employees and representatives to the other party to this Agreement with respect to all covenants, terms, promises, and obligations contained herein.
- 11.2 Neither the Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, monies that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is required by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any obligation under this Agreement.
- 11.3 Unless expressly provided otherwise in this Agreement, nothing contained shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Contractor, Subcontractor, Supplies, or other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.

## **12. DISPUTE RESOLUTION**

- 12.1 Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 calendar days from the date of notice prior to invoking the procedures of paragraph 12.2 or other provisions of the Agreement, or exercising their rights under law.
- 12.2 If the parties fail to resolve a dispute through negotiation under paragraph 12.1, Owner and Engineer agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement or the breach thereof ("Disputes") to mediation. Owner and Engineer agree to participate in the mediation process in good faith. The process shall be conducted on a confidential basis, and shall be completed within 120 calendar days of notice if the Dispute unless the parties mutually agree to a longer period. If such mediation is unsuccessful in resolving a Dispute, then the parties may seek to have the Dispute resolved by a court of competent jurisdiction.

## **13. MISCELLANEOUS PROVISIONS**

- 13.1 This Agreement is to be governed by the law of the state or jurisdiction in which the Project is located.
- 13.2 Any notice required under this Agreement will be in writing, addressed to the designated party at its address in the signature page and served personally, by facsimile, by registered or certified mail (postage prepaid), or by a commercial courier service. All notices shall be effective upon the date of receipt.
- 13.3 All express representations, waivers, indemnifications, and limitations of liability in this Agreement will survive its completion and/or termination.
- 13.4 Any provision or part of the Agreement held to be void or unenforceable under any laws or regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.
- 13.5 A party's non-enforcement of any provision shall not constitute a waiver of the provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- 13.6 To the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of substantial completion, which is the point where the Project can be utilized for the purposes for which it was intended.

13.7 This Agreement constitutes the entire agreement between Owner and Engineer and supersedes all prior or oral understandings. This Agreement may be amended only by a mutually agreed and executed written instrument.

13.8 With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to the Project on behalf of the respective party whom the individual represents.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Engineer:  
Baxter & Woodman, Inc.

Owner:  
Village of Hoffman Estates

By:  \_\_\_\_\_

By: \_\_\_\_\_

Title: Vice President

Title: \_\_\_\_\_

Date Signed: April 23, 2018

Date Signed: \_\_\_\_\_

Address for giving notices:  
8678 Ridgefield Road  
Crystal Lake, IL 60012

Address for giving notices:  
2305 Pembroke Avenue  
Hoffman Estates, IL 60169

Designated Representative:  
Sean O'Dell, P.E.

Designated Representative:  
Haileng Xiao

Phone Number: 815-444-4438  
Email Address:  
[sodell@baxterwoodman.com](mailto:sodell@baxterwoodman.com)

Phone Number: 847-781-2703  
Email Address:  
[haileng.xiao@hoffmanestates.org](mailto:haileng.xiao@hoffmanestates.org)

VILLAGE OF HOFFMAN ESTATES, ILLINOIS  
MWRD IICP COMPLETION

EXHIBIT A

**PROJECT DESCRIPTION**

In 2014, MWRD adopted the Watershed Management Ordinance (WMO) in which Article 8 required satellite communities to implement an IICP program with a goal to reduce frequency of sanitary sewer overflows (SSOs) and basement backups (BBs), while eliminating inflow and infiltration (I/I).

The Program commenced on July 10, 2014, and is to be completed within a 5-year period. Within this timeframe, all satellite entities must conduct a specific Short Term Requirements including a condition assessment of their sewer system, undertake rehabilitation work to address I/I sources, annual reporting, and develop and submit their individual Long Term Operation and Maintenance Program (LTOMP) and Private Sector Program (PSP) to the District. Baxter & Woodman has completed the initial tasks of the IICP which spanned from 2014 to the present. Our continuing services listed below will keep the Village in compliance with the MWRD IICP requirements.

1. Review of manhole inspection deliverables by Midwest Water Group.
2. Review and assessment of approximately 193,925 feet of sewer television inspection videos provided by American Underground.
3. Review testing results of smoke testing performed by Midwest Water Group and preparation of a detailed report including recommendations for rehabilitation and associated costs.
4. Review of dyed-water testing videos by American Underground based on the results of the smoke testing work.
5. Preparation of the MWRD IICP Annual Status Reports for calendar years 2018 and 2019.
6. Develop a Long Term Operation and Maintenance Program (LTOMP) in accordance with the MWRD IICP requirements.
7. Develop a Private Sector Program (PSP) in accordance with the MWRD IICP requirements.

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VILLAGE OF HOFFMAN ESTATES, ILLINOIS  
MWRD IICP COMPLETION

EXHIBIT B

**SCOPE OF SERVICES**

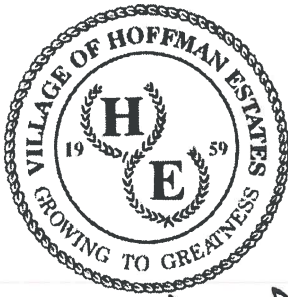
- A. MANHOLE INSPECTIONS
1. Review inspection deliverables provided by the Village's contractor, Midwest Water Group (MWG).
  2. Summarize data for reporting purposes.
- B. SANITARY SEWER TELEVISION
1. Review and assess approximately 193,925 feet of sewer television inspection videos and logs provided by the Village's contractor, American Underground.
  2. Provide a recommendation for rehabilitation of each sewer segment requiring repair.
  3. Provide rehabilitation costs for recommended repairs.
- C. SMOKE TESTING
1. Review testing result deliverables provided by MWG.
  2. Prepare a written report detailing the results of the work, conclusions, and recommendations.
  3. Provide rehabilitation costs for recommended repairs.
- D. DYED-WATER TESTING
1. Conduct dyed-water tests of storm sewer system (in areas where smoke was identified during smoke testing work) using inflatable plugs and dye mixed with water from adjacent fire hydrants.
  2. The extent of the work will not be determined until after the completion of the smoke testing. We are estimating approximately three (3) weeks of testing. The field investigations will be completed by the Village's contractor, American Underground.
  3. Prepare a written report detailing the results of the work, conclusions, and recommendations.
  4. Provide rehabilitation costs for recommended repairs.
- E. ANNUAL STATUS REPORTS
1. Prepare the MWRD IICP Annual Status Reports for calendar years 2018 and 2019.

- F. LONG TERM OPERATION AND MAINTENANCE PROGRAM
  - 1. Develop a Long Term Operation and Maintenance Program (LTOMP) in accordance with the MWRD IICP requirements.

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- G. PRIVATE SECTOR PROGRAM
  - 1. Develop a Private Sector Program (PSP) in accordance with the MWRD IICP requirements.

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# VILLAGE OF HOFFMAN ESTATES


## DEPARTMENT OF PUBLIC WORKS

### May 2018 MONTHLY REPORT

SUBMITTED TO: Public Works Committee

June 2018

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

  
 \_\_\_\_\_  
 Kelly Kerr  
 Assistant Director of Public Works

### MAJOR PROJECT STATUS

#### **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 Drive. 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 the Village Board authorized the contract award to Insituform Technologies on April 2 for repair of the sewer by lining through CIPP (Cured-in-Place Pipe), a pre-construction meeting was held on April 19. Pre-lining camera inspection and cleaning was completed on April 23. Plans for sewage bypass pumping were approved on May 3. Project construction started on May 16 and was 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 pending final invoice in June.**

#### **2017 Valve Assessment Program**

Project kick-off meeting was held on October 4, 2017 with M.E. Simpson for the assessment of 700 valves. Work started on October 23, 2017. Before the end of December 576 valves located in WDA & hospital areas were exercised including 566 valves mapped with GPS coordinates determined. The concurrent leak survey covered 566 valves and 616 hydrants with a report of 12 leaks. In addition the work helped to correct incorrect ab-built plans. Boxes/vaults of the completed valves have been pumped down by staff. **The final report has been submitted. The project is to be closed pending final invoice in June 2018 and team's review and acceptance of the report and.**

#### **2017 Sanitary Sewer Rehabilitation**

On March 6, 2017 the Village Board approved a contract for 2017 sanitary sewer rehabilitation with Visu-Sewer of Illinois, LLC. The first phase of the 2017 contracted work included installation of 13 manholes to replace existing lamp holes, rehabilitation of 6 leaking manholes, replacing failed and collapsed sewer sections through excavation and CIPP (Cured-in-Place Pipe) lining of approximately 19,000 feet of deteriorated sewer mains. A pre-construction meeting was held on April 7, 2017 and the construction started in the week of April 24. By November 30, 2017 the project, including added lining of the elliptical sewer at Northview Ln, is substantially completed. Details are listed as follows:

31,161 Feet of sanitary sewer mains have been cleaned and inspected as preparation for lining & rehabilitation work.

Installation of 13 standard manholes to replace lamp holes



Replacement & upgrade of 10 feet of 4" sanitary sewer into 6" sewer

Rehabilitation of ten (10) manholes

Rehabilitation of 28,798 feet of sanitary sewer main by CIPP lining.

Rehabilitation of 244 feet of elliptical sewer (25"x45") at Northview Ln by CIPP.

Work is all complete for replacement of 80 feet of failed & back pitched sanitary sewer at Harmon Blvd with necessary site restoration before street reconstruction.

Work is all complete for replacement of 90 feet of severely back pitched & collapsed sanitary sewer at Washington Blvd.

Separate from the above a part of the sanitary sewer rehabilitation for 2017 is assigned to contractor for street reconstruction, Arrow Road Construction. The sewer rehabilitation completed under street re-construction includes:

Replaced five hundred (500) feet of deteriorated 8" sanitary sewer on Highland Blvd and Newport Rd.

Installation of 2 standard manholes to replace lamp holes.

**A list of deficiencies on manhole rehabilitation work has been repaired by the contractor.**

**The final invoice was approved for payment and the project is closed in May 2018.**

### **Administration**

1. Public Works staff attended the 2018 APWA Chicago Metro Expo and Conference in Villa Park, Illinois. At the conference, Art Beese (M-I Forestry) and Julio Salas (M-I Maintenance and Construction) competed in the front-end loader obstacle course. The Village had two teams of two individuals compete in the snow plow rodeo obstacle course: Stephen McKittrick and John Kovaka (both M-II Maintenance and Construction) and Tyler Wintz and Casey Wintz (M-II Customer Service and M-I Traffic Operations, respectively). The Village also had two representatives serve as judges during competitions: Dave Oates (M-I Forestry) and Ken Edwards (M-I Forestry).

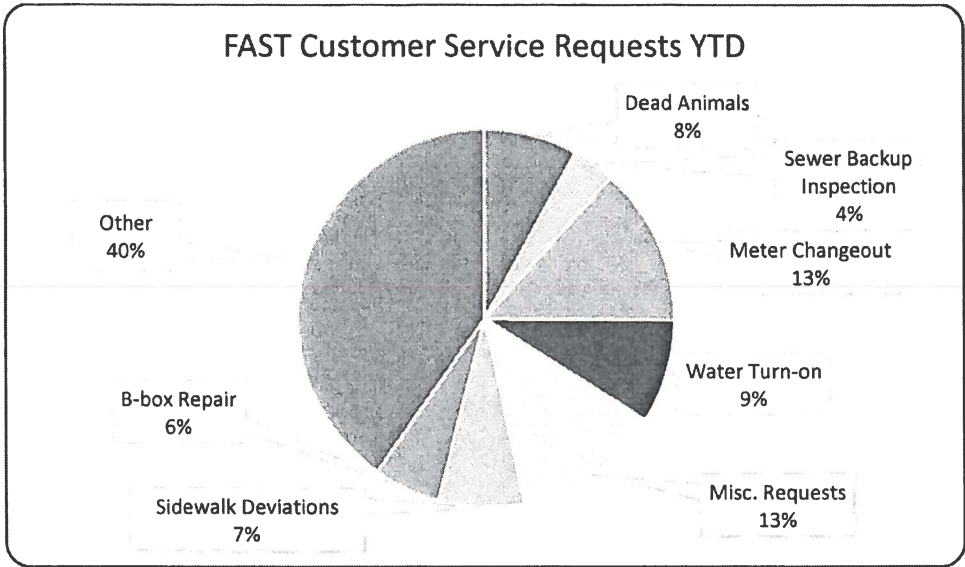
Congratulations to Team Wintz on their 6<sup>th</sup> place finish in the 2018 snow plow rodeo.

### **Customer Services**

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

1. Continued sidewalk replacement program - 8,810 square feet of sidewalk replaced to date;
2. Continued sidewalk mudjacking program - 450 sidewalk squares selected for mudjacking;
3. Prepared Village Green for installation of replacement tent.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
98	108	126	160	230								722



**Customer Service Team:**

1. Performed forty-six (46) commercial water meter audits;
2. Replaced thirty-seven (37) MIUs;
3. Installed 2" disc meter at Haverford Place.

Customer Service Team												
<b>Water Billing - Customer Service Appointments</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
64	45	72	49	47								277
<b>Finance-generated Water Meter Readings</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
496	227	198	260	268								1449
<b>Delinquent Water Accounts</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110	124	93	113	97								537
<b>New Construction Inspections</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	5	8	9	12								40
<b>Customer Service Requests - Gov Q&amp;A/Meter Repairs</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	20	21	22	21								135
<b>Siding Permit Inspections</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	6	0	0	0								10
<b>B-box Repairs</b>												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0	4								4

**Utility Locates Team:**

1. Continued providing support for 2018 Road Reconstruction planning;
2. Provided ongoing assistance and locates for ComEd, Intren, and Nicor projects;
3. Conducted in-house water service line locates at the request of the Maintenance and Construction division.

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
257	116	681	828	738								2620
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
23	7	9	26	32								97
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	3	2	8	6								25

**Facilities**

1. Installed overhead garage doors and operators at Fire Station 22;
2. Installed sump pump at Village Hall;
3. Replaced damaged pavers at Fire Station 24 with asphalt;
4. Replaced west door vehicle detector at PWC garage.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
97	94	110	109	108								519

**Fleet Services**

1. Prepared ten (10) vehicles for upcoming auction;
2. Updated fleet information software (CFA) to latest version;
3. Received reimbursement check (\$9,980) from Ford for repair expenses performed by Fleet Services on power steering system in Police Utility Interceptors.

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								117
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	3	24	3	4								38

## Forestry

1. Assisted with preparations for the annual Build-a-Birdhouse event at PWC;
2. Planted flowers on Village Hall grounds;
3. Provided care for MWRD trees available to residents via the Restore the Canopy Program;
4. Provided mulch for Sears Centre Arena grounds;
5. Continued spring brush collection program.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	10	27	44	72								172

## Maintenance & Construction

### Storm Sewer Team:

1. Performed retention area pumping at Black Bear Park in response to storm.

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								6,295
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	7	5								12

### Construction/Maintenance Team:

- 1) Repaired water main leaks at 2008 Westbury and 700 Fremont Court;
- 2) Performed water service abandonment at 1788 Jamestown Circle;
- 3) Performed leak investigation at Autumn Chase Apartments;
- 4) Repaired various fire hydrants with minor issues found during 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								12
Hydrant Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	0	1	0								2
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	1	0	0	0								1
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	2	1	2	2								9

## Traffic Operations

### **Pavement Maintenance Team:**

1. Coordinated monthly tailgate, JSA training, forklift, confined space, and trench shoring training;
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								64.0
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								30.5

### **Sign Team:**

1. Replaced eleven (11) signs due to vandalism and wind damage;
2. Performed ESDA trailer barricade maintenance;
3. Fabricated and installed delivery signs for the PWC garage north side pedestrian entrance;
4. Assisted Water Operations team with antenna installation at west lift station.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11	13	9	10	11								54
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
24	36	20	35	147								262

### **Street Light Team:**

1. Notified ComEd of a light out in their jurisdiction;
2. Installed new controller box in the Hassell Road ROW.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
7	9	5	3	11								35
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	23	10	45	18								147

## Water Operations

### **Operations Team:**

1. Installed new Grundfos pump #1 at WDA lift station;
2. Assisted with Higgins Road 20" sanitary sewer pipe lining;

3. Engaged WDA blast fan for odor control;
4. Replaced Westbury pump #1 starter.

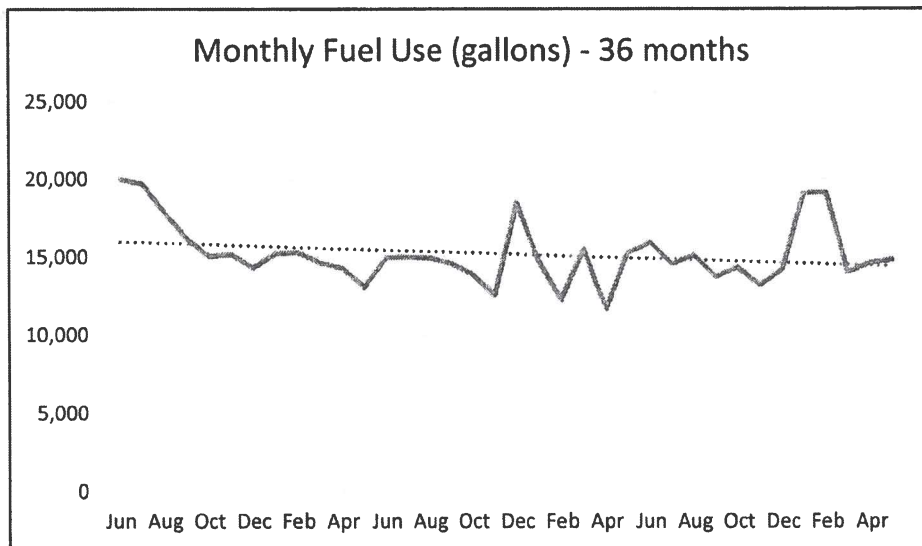
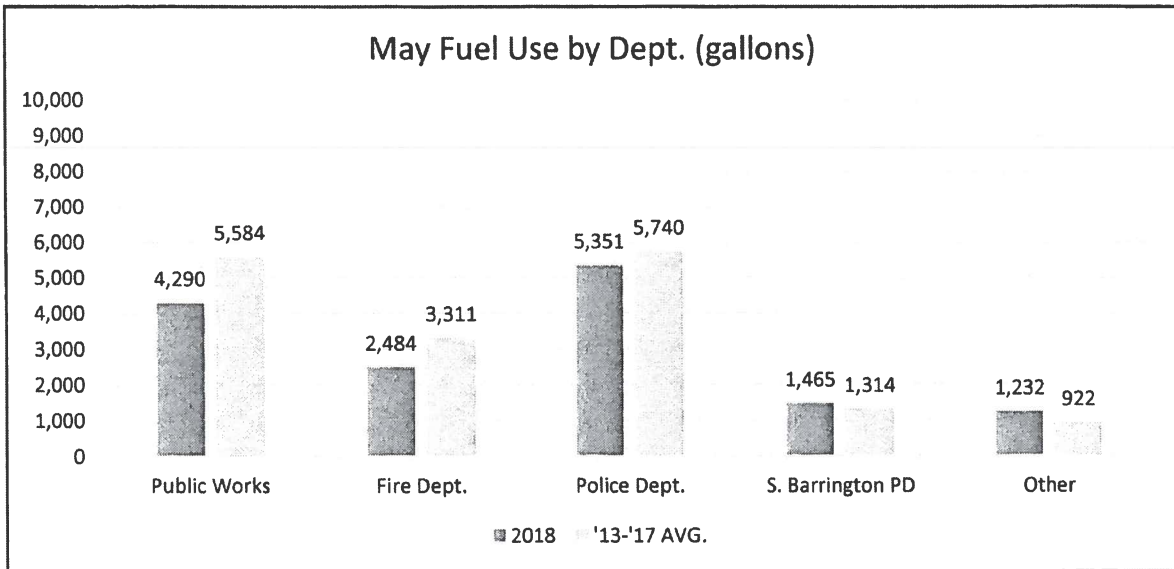
Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	0	1	3								6

**Sanitary Sewer Flow Management Team:**

1. Assisted Operations Team with lift station maintenance;
2. Conducted CCTV inspection of storm sewer, as assigned;
3. Introduced biological treatments to sanitary sewer system.

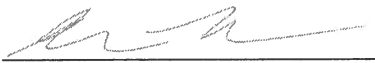
Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	478	5,375	6,688	7,801								20,342
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3,019	974	3,382	7,792	0								15,167

## Fuel Use Report



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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending June 22, 2018.



Alan Wenderski, P.E.  
Village Engineer



**MISCELLANEOUS**

Summary of miscellaneous items:

- Pavement Condition Ratings 100% complete
- 35 permit inspections
- 11 residential drainage investigations
  - 7 surveys
- 2 floodplain inquiries
- Assisted with 1 FOIA request
- Engineering plan review for:
  - Aldi building addition
  - Schaumburg Township Parking Lot Expansion
- Reviewed permits for:
  - 4 - Drainage
  - 1 – Retaining Wall
  - 3 – Parking Lot
  - 2 – Water Service
- Plan/permit review related to residential development:
  - 9 – Permit Plats
  - 5 – Top of Foundations
  - 17 – Final Grading
  - 4 – Certificate of Occupancies

**PROJECT STATUS**

<b>VILLAGE PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>2018 Drainage Improvements Project</b>	Design ongoing. Final locations approved on May 7 <sup>th</sup> . Target late summer bid opening and fall construction. Village Project Manager: Shelley Walenga
<b>2018 Street Revitalization Project</b>	See attached for current project status. Village Project Manager: Marty Salerno
<b>2018 Surface Patching Project</b>	Field design work ongoing. Target late summer bid opening and fall construction. Village Project Manager: Shelley Walenga
<b>Bode Road / Harmon Boulevard STP Resurfacing Project</b>	Minor striping punch list work remaining. Ciorba Group is serving as construction engineer. Village Project Manager: Alan Wenderski
<b>Higgins Road/Oakmont Road Sanitary Sewer Rehabilitation</b>	Bid Opening on May 24 <sup>th</sup> . Low bid was \$353,721 by Insituform Technologies. Awaiting signed contracts and scheduling of preconstruction meeting. Village Project Manager: Alan Wenderski / Oscar Gomez

<b>VILLAGE PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Oakmont Road Storm Sewer Replacement</b>	Final design work ongoing. Target early August bid opening. Village Project Manager: Andy LoBosco / Greg Burkey
<b>Sears Centre Parking Lot Patch, Seal, and Striping Project</b>	Design work ongoing. Target late summer bid opening and fall construction. Village Project Manager: Shelley Walenga

<b>COMMERCIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Adesa Auto Auction</b> 5407 Trillium Boulevard	As-built drawings received and reviewed. Awaiting revisions and re-submittal. Village Project Manager: Terry White
<b>Burger King Restaurant</b> 2599 West Higgins Road	Temporary CO issued. Awaiting as-built drawings, sign-off of ROW permit from IDOT. Village Project Manager: Terry White
<b>Culvers</b> Prairie Stone 4665 Hoffman Boulevard	Awaiting as-built drawing revisions. Village Project Manager: Terry White
<b>Enclave Apartments Clubhouse</b> 750 Salem Drive	Water service pressure test and chlorination completed. Building work ongoing. Village Project Manager: Terry White
<b>Hoffman Plaza</b> Higgins and Roselle 1001-1067 Roselle Road	Awaiting revisions to as-built drawings. Village Project Manager: Terry White
<b>Holiday Inn Express</b> 5235 Prairie Stone Parkway	Project guarantee in place, awaiting start of site work. Village Project Manager: Terry White
<b>Petro Auto</b> 1300 West Higgins Road	Site work ongoing. Village Project Manager: Terry White
<b>Route 58 AutoWash</b> 105 East Golf Road	Awaiting IDOT sign-off for ROW restoration. As-built drawings received and approved. Village Project Manager: Oscar Gomez
<b>Shell – Ricky Rocket’s</b> 2590 Golf Road	Demolition work completed. Project guarantee received. Awaiting start of site work. Village Project Manager: Terry White
<b>Silesia</b> 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

<b>RESIDENTIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Airdrie Estates</b> 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
<b>Amber Meadows</b> NE Corner of Essex Drive and Beacon Pointe Drive	Multiple lots under construction. Water/sewer service inspections ongoing. Final grading for multiple lots on temporary occupancy ongoing. Remaining roadway construction ongoing, proof roll competed on May 29 <sup>th</sup> . Village Project Manager: Terry White / Oscar Gomez
<b>Bergman Pointe</b> NW Corner of Ela Road and Algonquin Road	Home building ongoing. Signal modifications at Ela/Algonquin are ongoing. Village Project Manager: Terry White
<b>Devonshire Woods</b> SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. Water/sewer service inspections ongoing. Village Project Manager: Terry White / Oscar Gomez

**2018 Street Revitalization Project Schedule Update: (Week of June 18, 2018)**

RECONSTRUCTION STREETS	Start Date <sup>1</sup>	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)	7/16/2018																			
2. ABBEYWOOD DRIVE - PHASE II Queensbury Cir (N) to Jamestown Cir (S)	6/20/2018																			
3. ABBEYWOOD DRIVE - PHASE III Jamestown Cir (S) to Kensington Ln	6/4/2018		n/a					n/a		n/a										42%
4. ASHLEY COURT Ashley Rd to End of Street	7/9/2018																			
5. BARDWICK COURT Essington Ln to End of Street	7/27/2018																			
6. CALDWELL LANE Oakmont Rd to Kingsdale Rd	5/22/2018																			64%
7. CASTAWAY COURT Castaway Ln to End of Street	7/9/2018																			
8. CHATSWORTH LANE Dexter Ln (N) to Dovington Dr	5/30/2018																			50%
9. CLAREMONT ROAD Heather Ln to Hillcrest Blvd	5/31/2018		n/a																	50%
10. COLONY COURT Colony Ln to End of Street	6/25/2018																			
11. ESSINGTON COURT Essington Ln to End of Street	7/23/2018																			
12. HARTFORD COURT Highland Blvd to End of Street	7/9/2018																			
13. HILLSIDE COURT Norman Dr to End of Street	6/25/2018																			
14. NORRIDGE LANE Payson St to Illinois Blvd	5/14/2018																			71%
15. WESTHAVEN COURT Dukesberry Ln to End of Street	7/9/2018																			
16. WINSTON LANE Winston Dr to End of Street	6/25/2018																			
													Completed			In Progress				

<sup>1</sup>Tentative / Actual

## 2018 Street Revitalization Project Schedule Update: (Week of June 18, 2018)

RESURFACING STREETS	Start Date <sup>1</sup>	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	8/6/2018																	
2. BAYSIDE COURT ( E ) Bayside Cir to End of Street	5/17/2018					n/a						n/a						90%
3. BICEK DRIVE Sapphire Dr to Burnham Dr	5/16/2018							n/a				n/a						90%
4. COLGATE COURT Highland Blvd to End of Street	7/11/2018																	
5. DRESDEN DRIVE Freeman Rd to Haman Ave	8/6/2018																	
6. DRIFTWOOD COURT Shorewood Dr to End of Street	8/6/2018																	
7. GARNET CIRCLE Sapphire Dr to Sapphire Dr	7/30/2018																	
8. LAFAYETTE LANE Hampton Rd to End of Street	8/1/2018																	
9. LARCHMONT ROAD Newport Rd to Lafayette Ln	8/1/2018																	
10. McDONOUGH ROAD Rohrsen Rd to Nicholson Dr	6/14/2018																	8%
11. NICHOLSON DRIVE McDonough Rd to End of Street	6/14/2018																	8%
12. OPAL DRIVE Olmstead Dr to Topaz Dr	7/30/2018																	
13. TURNBERRY DRIVE Chambers Dr to Chambers Dr	5/16/2018											n/a						91%
14. WESTBRIDGE COURT Westbury Dr to End of Street	8/6/2018																	
<sup>1</sup> 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.