

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
January 25, 2016

Immediately following Finance

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

I. Roll Call

II. Approval of Minutes – December 21, 2015

NEW BUSINESS

1. Request authorization to waive formal bidding and purchase one (1) replacement heavy-duty dump truck chassis 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 \$87,094.
2. Request authorization to extend the 2014 contract for 2016 Roadway Pavement Markings to Preform Traffic Control Systems, Ltd., Elk Grove Village, IL (low bid), in an amount not to exceed \$55,500.
3. Request authorization to extend 2014 contract for 2016 Street Sweeping, inclusive of all associated costs including hauling of debris, to K. Hoving Clean Sweep, West Chicago, IL (low bid), in an amount not to exceed \$103,000.
4. Request authorization to award contract for construction of water main interconnect to Swallow Construction Corporation, Downers Grove, IL (low qualified bid), in an amount not to exceed \$57,850.
5. Request authorization to waive formal bidding and purchase Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier), at 2016 unit prices, in an amount not to exceed \$194,500.
6. Request authorization to extend 2014 contract for 2016 Parkway Tree Planting Program (low bids), to:
 - a) Acres Group, Wauconda, IL; and
 - b) St. Aubin Nursery, Kirkland, IL,in a total amount not to exceed \$614,750.
7. Request authorization to award contract for 2016-2017 sanitary sewer work that includes heavy cleaning, root cutting, CCTV inspection and condition evaluation services to American Underground Inc., Glenview IL, (lowest qualified bidder), in an amount not to exceed \$150,000.
8. Request approval of the National Gas Franchise Ordinance negotiated with Northern Illinois Gas Company (d/b/a Nicor Gas Company).

9. Request acceptance of the Department of Public Works Monthly Report.
10. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

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

Village of Hoffman Estates

**PUBLIC WORKS & UTILITIES
COMMITTEE MEETING MINUTES**

December 21, 2015

I. Roll Call

Members in Attendance:

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

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Art Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplun, Asst. Vlg. Mgr.-Dev. Services
Gary Salavitch, Director of Engineering
Alan Wenderski, Civil Engineer
Patrick Seger, Dir. HRM
Jeff Jorian, Fire Chief
Ted Bos, Police Chief
Joseph Nebel, Dir. of Public Works
Rachel Musiala, Director of Finance
Bruce Anderson, CATV Coordinator
Fred Besenhoffer, Director of IS
Ashley Monroe, Asst. to Village Manager
Austin Pollack, Admin. Intern
Bev Romanoff, Clerk**

The Public Works and Utilities Committee meeting was called to order at 7:04 p.m.

Motion by Mayor McLeod, seconded by Trustee Pilafas, to recess the meeting at 7:04 p.m. Voice vote taken. All ayes. Motion carried.

Trustee Newell called the meeting back to order at 7:24 p.m. Roll call vote taken. All members present.

II. Approval of Minutes – November 23, 2015

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to approve the Public Works & Utilities Committee meeting minutes of November 23, 2015. Voice vote taken. All ayes. Motion carried.

OLD BUSINESS

- 1. Request approval of a resolution authorizing the Village President to enter into three (3) Intergovernmental Agreements (IGA) with the Illinois State Toll Highway Authority (Tollway) for work on Village bridge, water and sewer mains with an estimated total cost of \$335,401.10.**

An item summary sheet from Mr. Nebel, Mr. Salavitch and Mr. Xiao was presented to committee.

Trustee Pilafas inquired about the type of bridge work to be done. Mr. Salavitch provided details.

Motion by Trustee Gaeta, seconded by Mayor McLeod, authorize the Village President to enter into three (3) Intergovernmental Agreements (IGA) with the Illinois State Toll Highway Authority (Tollway) for work on Village bridge, water and sewer mains with an estimated total cost of \$335,401.10. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request the authorization to award the contract for engineering design and construction management for the Grand Canyon Storm Sewer project to Chastain and Associates, of Schaumburg, IL, in the amount not to exceed \$56,292.59.**

An item summary sheet from Mr. Salavitch and Mr. Wenderski was presented to committee.

Trustee Stanton inquired about the area of Grand Canyon to be worked on and asked if a detour would be provided. Mr. Salavitch provided details on the project.

Motion by Trustee Gaeta, seconded by Trustee Pilafas to award the contract for engineering design and construction management for the Grand Canyon Storm Sewer project to Chastain and Associates, of Schaumburg, IL, in the amount not to exceed \$56,292.59. Voice vote taken. All ayes. Motion carried.

- 2. Request authorization to award annual contract for engineering design and construction to Sound Incorporated, Naperville, IL (low bid), at a cost not to exceed \$21,937.32.**

An item summary sheet from Mr. Nebel and Mr. Petrenko was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Pilafas to award annual contract for engineering design and construction to Sound Incorporated, Naperville, IL (low bid), at a cost not to exceed \$21,937.32. Voice vote taken. All ayes. Motion carried.

- 3. Request authorization to award contract for mechanical services for the replacement of the Public Works Center Make-Up Air Units to Jensen's Plumbing and Heating, Inc., Woodstock, IL, in an amount not to exceed \$92,125.**

An item summary sheet from Mr. Nebel and Mr. Petrenko was presented to committee.

Motion by Trustee Gaeta, seconded by Trustee Pilafas to award contract for mechanical services for the replacement of the Public Works Center Make-Up Air Units to Jensen's Plumbing and Heating, Inc., Woodstock, IL, in an amount not to exceed \$92,125. Voice vote taken. All ayes. Motion carried.

4. 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.

5. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

The Department of Development Services monthly report for 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 Report for the Transportation and Engineering Division. Voice vote taken. All ayes. Motion carried.

III. President's Report

Mayor McLeod thanked Mr. Salavitch for his service and congratulated Lt. Gerlach and Sergeant Thomas on their promotions. The Mayor reported he attended Health and Human Services' Community Resource Party on 12/15, the Senior Commission's Holiday Luncheon and Bingo on 12/16 and Wine Wednesday at DiBenedetto's on 12/17. Mayor McLeod wished everyone a happy holiday.

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Gaeta, seconded by Trustee Mills, to adjourn the meeting at 7:32 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 authorization to waive formal bidding and purchase one (1) replacement heavy-duty dump truck chassis 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 \$87,094.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works
Bob Markko, Fleet Services Supervisor

PURPOSE: To replace one (1) heavy duty tandem axle truck chassis via Illinois State Contract Number 4018132 and related Commodity Code #5012-815-6607 (tandem axle)

BACKGROUND: Included in the 2016 Water/Sewer 2015 Bond Capital Projects budget is a total of \$136,810 to purchase a replacement for PW Unit #2, a front line heavy-duty dump truck. Current unit #2 is a 2001 International Model 4900 tandem axle dump truck which has been in service as a front line water/sewer dump truck and a principal snow/ice control unit since its purchase.

DISCUSSION: Current State of Illinois Notice of Award includes a Purchase Contract for a 2017 International Harvester model 6x2 tandem rear axle dump truck chassis.

There are additional components offered on the State bid which will have to be installed on this truck chassis. These components will standardize this new vehicle with the balance of the fleet's most current replacements units and those earmarked for future year replacements.

As this purchase is for a truck chassis only, upon delivery the truck will need to be outfitted with a dump body, snow plow, and salt spreading equipment by another vendor to be recommended in February/March.

FINANCIAL IMPACT:

Due to a delay in Illinois State Award of Contract last year (2015), Public Works went out for bids on an identical truck chassis replacement to that currently being recommended via State contract herein. The difference in cost is illustrated as follows:

Truck Chassis	2015 Price via VOHE Bid	2016 Price via State Contract	Difference	2016 Budget
Tandem Axle	\$87,000	\$87,094	+\$94	\$136,810

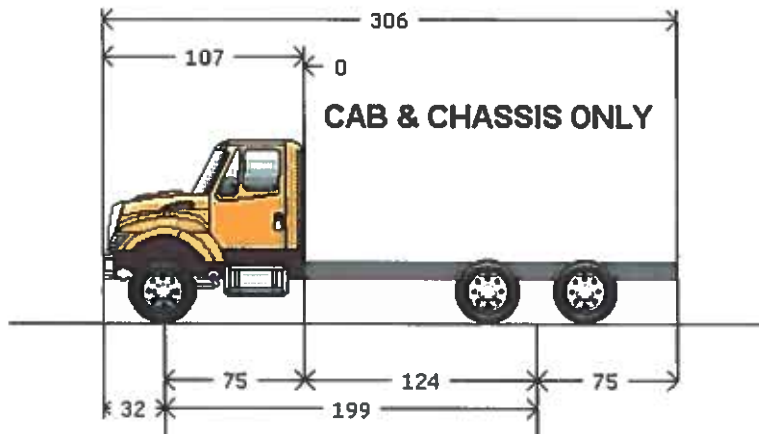
Given the slight difference between our 2015 VOHE awarded bid results and the 2016 State Award of Contract pricing, staff is confident that the recommendation to waive formal bidding and purchase this truck chassis via 2016 Illinois State Award of Contract is prudent. The Water/Sewer Fund 2015 Bond Capital Projects Account #40407425-4603 supports \$136,810 for the truck chassis, dump body and related components. All required aftermarket equipment related to outfitting this chassis for snow/ice fighting capabilities will be purchased through a separate recommendation using General Funds.

RECOMMENDATION:

Request authorization to waive formal bidding and purchase one (1) replacement heavy-duty dump truck chassis 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 \$87,094.

Prepared For:
 VILLAGE OF HOFFMAN ESTATES
 BOB MARKO
 2405 Pembroke Ave.
 Hoffman Estates, IL 60169-2010
 (847)490 - 6800
 Reference ID: Updated 2017

Presented By:
 RUSH TRK CTR OF N IL
 David R Mueller
 4655 S CENTRAL AVE.
 CHICAGO IL 606381547
 708-496-7500



Model Profile
 2017 7400 SFA 6X4 (SF525)

MISSION:	Requested GVWR: 58000. Calc. GVWR: 58000
DIMENSION:	Wheelbase: 199.00, CA: 124.00, Axle to Frame: 75.00
ENGINE, DIESEL:	{Navistar N10} EPA 2010, SCR, 310 HP @ 2000 RPM, 1050 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 310 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor MT-40-14X-4DFR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends Gear Ratio: 6.43
CAB:	Conventional
TIRE, FRONT:	(2) 315/80R22.5 G289 WHA (GOODYEAR) 484 rev/mile, load range L, 20 ply
TIRE, REAR:	(8) 12R22.5 G622 RSD (GOODYEAR) 482 rev/mile, load range H, 16 ply
SUSPENSION, REAR, TANDEM:	{Hendrickson HMX-400-52} Walking Beam Type 52" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers
PAINT:	Cab schematic 100GM Location 1: 4421, School Bus Yellow (Std) Chassis schematic N/A

Description

Base Chassis, Model 7400 SFA 6X4 with 199.00 Wheelbase, 124.00 CA, and 75.00 Axle to Frame.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Steel, Swept Back

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 177" (450cm) Through and Including 226" (575cm)

AXLE, FRONT NON-DRIVING (Meritor MFS-18-133A) Wide Track, I-Beam Type, 18,000-lb Capacity

SHOCK ABSORBERS, FRONT

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type; 18,000-lb Capacity; Less Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

DRAIN VALVE (Bendix DV-2) Automatic; With Heater; for Air Tank

AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)

AIR DRYER (Bendix AD-IP) With Heater

BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 Spring Brake

BRAKE CHAMBERS, FRONT AXLE (Bendix) 24 SqIn

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

AIR COMPRESSOR (Bendix Tu-Flo 550) 13.2 CFM Capacity

DUST SHIELDS, FRONT BRAKE for Air Brakes

DUST SHIELDS, REAR BRAKE for Air Brakes

AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR (2) (Sheppard M-100/M-80) Dual Power

DRIVESHAFT SYSTEM (Dana Spicer) SPL170XL with SPL170XL Inneraxle Shaft in lieu of 1710 Driveshaft with 1710 Inneraxle Shaft

EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR (Leece-Neveville AVI160P2013) Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense

ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake accommodation package With Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket

BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn

Description

BATTERY SYSTEM (International) Maintenance-Free, (3) 12-Volt 1950CCA Total

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music, with Multiple Speakers

AUXILIARY HARNESS 5.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

BATTERY CABLES With 36" of Extra Length Coiled and Strapped Near Battery Box

HORN, ELECTRIC Disc Style

BATTERY BOX Steel With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab

HORN, AIR Black, Single Trumpet, Air Solenoid Operated

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

TURN SIGNALS, FRONT LED, Includes LED Side Marker Lights, Mounted on Fender

FENDER EXTENSIONS Rubber

INSULATION, UNDER HOOD for Sound Abatement

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

CLUTCH Omit Item (Clutch & Control)

ENGINE, DIESEL {Navistar N10} EPA 2010, SCR, 310 HP @ 2000 RPM, 1050 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 310 Peak HP (Max)

FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler

FEDERAL EMISSIONS {Navistar N9 & N10} EPA, OBD and GHG Certified for Calendar Year 2016

AIR CLEANER Dual Element, with Integral Snow Valve and In-Cab Control

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce and Navistar post 2007 Emissions Electronic Engines

FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)

BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater, With Extended Life Coated Metal/Plastic/Metal Material Oil Pan

EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations

TRANSMISSION, AUTOMATIC {Allison 3000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.

OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil, for Automatic Transmissions

Description

TRANSMISSION DIPSTICK Relocated to Right Side of Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION SHIFT CONTROL {Allison} Bump Shifter Type; for Allison 3000 & 4000 Transmission

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming

AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.43

SUSPENSION, REAR, TANDEM {Hendrickson HMX-400-52} Walking Beam Type 52" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers

SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam

FUEL TANK STRAPS Bright Finish Stainless Steel

FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor

FUEL TANK Top Draw; D-Style, Non-Polished Aluminum, 19" Deep, 70 U.S. Gal., 265 L Capacity, with Quick Connect Outlet, Mounted Left Side, Under Cab

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional

GAUGE CLUSTER English With English Electronic Speedometer

GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) With Black Bezel Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

SEAT, PASSENGER {National} Non Suspension, High Back With Integral Headrest, Vinyl, With Fixed Back, With Under Seat Storage

GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar

MIRRORS (2) {Lang Mekra} Rectangular, Power Both Sides, Thermostatically Controlled Heated Heads, LED Clearance Lights, Bright Finish Heads and Arms, with Black Brackets, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing

WINDSHIELD Heated, Single Piece

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster

INSTRUMENT PANEL Center Section, Flat Panel

HVAC FRESH AIR FILTER

STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door

CAB INTERIOR TRIM Deluxe

CAB REAR SUSPENSION Air Bag Type

WINDSHIELD WIPER BLADES Snow Type

Description

WHEELS, FRONT DISC; 22.5" Painted Steel, 5-Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With Steel Hubs.

WHEELS, REAR {Accuride} DUAL DISC; 22.5" Painted Steel, 5-Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With .472" Thick Increased Capacity Disc and Steel Hubs

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; With Vendor Applied Gray Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels, With Vendor Applied Gray Powder Coat Paint

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp Total (Includes 1 Switch Pack With Latched Switches)

(8) TIRE, REAR 12R22.5 G622 RSD (GOODYEAR) 482 rev/mile, load range H, 16 ply

(2) TIRE, FRONT 315/80R22.5 G289 WHA (GOODYEAR) 484 rev/mile, load range L, 20 ply

Cab schematic 100GM

Location 1: 4421, School Bus Yellow (Std)

Chassis schematic N/A

Services Section:

WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U

LICENSE & TITLE FEES

<u>Description</u>	(US DOLLAR)	<u>Price</u>
Net Sales Price:		\$87,094.00

THERE ARE SEVERAL COMBINATIONS OF COMPONENTS (with-in the spec) THAT REQUIRE ENGINEERING.

THIS MAY CAUSE A CHANGE IN LOCATION and/or THE CAUSE THE REMOVAL ONE OR MORE COMPONENTS.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without
Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

HOFFMAN ESTATES 6X4 OPTIONS ADDED TO BASE 2017 INTERNATIONAL CHASSIS SPEC'S

FRONT AXLE {Meritor MFS-18-133A}, I-Beam Type, 18,000-lb Capacity with FRONT SUSPENSION, SPRING Multileaf, Shackle Type; 18,000-lb Capacity with DUAL STEERING GEARS {Sheppard M-100/M-80} required due to above axle	\$1,271.00
AIR TANKS RELOCATED Front of Rear Suspension	\$ 288.00
DUST SHIELDS for Front and Rear Brakes	\$ 137.00
ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame	\$ 186.00
BODY BUILDER WIRING INSIDE CAB	\$ 152.00
BATTERY CABLES With 36" of Extra Length Coiled and Strapped Near Battery Box	\$ 178.00
BLUE TOOTH Radio Capability	\$ 98.00
DASH MOUNTED BODY CIRCUITS, for Bodybuilder	\$ 578.00
FUEL TANK STRAPS Bright Finish Stainless Steel	\$ 260.00
POWER MIRRORS with LED Clearance Lights	\$ 442.00
HEATED WINDSHIELD	\$ 667.00
FRONT TIRES, 315/80R22.5 (GOODYEAR), load range L, 20 ply	\$ 424.00
REAR TIRES, 11R22.5 (GOODYEAR), load range G, 14 ply	\$ 684.00
	<hr/>
TOTAL OPTIONS ADDED	\$ 5,228.00
2017 Model Year OBD (On Board Diagnostics)	350.00
MUNICIPAL PLATES and TITLE fees	\$ 103.00
	<hr/>
TOTAL	\$ 5,681.00

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend the 2014 contract for 2016 Roadway Pavement Markings to Preform Traffic Control Systems, Ltd., Elk Grove Village, IL (low bid), in an amount not to exceed \$55,500.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works

PURPOSE: Authorization to extend 2014 bid award for 2016 roadway pavement markings.

BACKGROUND: Each year, Public Works and the Transportation Division coordinate activities related to pavement marking maintenance and installations throughout the Village. On February 24, 2014, the Village Clerk's Office opened two (2) received bids. A tabulation sheet is attached.

Within the Village Bid Specifications, it is required that pricing be based upon lineal or square feet. The specifications call for final payout per Village approved measurements. All tabulations of pricing were taken from the higher end of the paint striping footage parameters provided to the bidding vendors on their proposal form resulting in an equitable calculation of bids provided.

Also within the 2016 budget there has been an additional \$7000 allocated to the re-striping of parking lot areas of the Village Hall, Fleet Services, Police Department, Public Works Center and the Historical site. This funding is in addition to the annual \$48,500.00 for maintenance of reflective traffic control roadway striping including the recent addition to the installation of bike lanes and symbols throughout the town.

In addition to requesting bids for 2014, alternate bids were requested for contractor's to extend their contracts into the 2015 and 2016 year programs. We are asking to extend the awarded 2014 contract to Preform Traffic Control Systems, Ltd. for the 2016 roadway pavement markings contract.

DISCUSSION:

A review and comparison of the 2014 submitted proposals by the *two* (2) vendors took place. Total combined costs for contractor performance of specified service on the higher scale of services needed (lineal feet or square feet) was used to compare over a three year period. Comparisons of the two bids are as follows.

	Preform Traffic Control Systems, Ltd. 625 Richard Lane Elk Grove, IL 60007	Marking Specialists Corporation P.O. Box 745 Arlington Heights, IL 60005
2014 Service Year	\$59,600	\$79,600
Alternate Bid 2015 Service Year	\$59,600	\$83,550
Alternate Bid 2016 Service Year	\$61,710	\$78,900

FINANCIAL IMPACT:

\$55,500 has been allocated in 2016 in the professional services striping budget line item for roadway pavement markings.

RECOMMENDATION:

Request authorization to extend the 2014 contract for 2016 Roadway Pavement Markings to Preform Traffic Control Systems, Ltd., Elk Grove Village, IL (low bid), in an amount not to exceed \$55,500.

Village of Hoffman Estates, Illinois 2016 Annual Operating Budget

Account Information

Account Number: 01404824-4542
 Account Name: Other Contractual Services

Fund: General
 Department: Public Works
 Division: Traffic Control

Account History

2012 Budget	\$ 37,600	2013 Budget	\$ 47,900	2014 Budget	\$ 60,100
2012 Actual	\$ 43,991	2013 Actual	\$ 40,436	2014 Actual	\$ 72,499

Projected Expenditures	2015 Budget	2015 Estimate	2016 Dept Request	2015 Carry-Over	2016 Manager Approved	Percent Change
Contracted Pavement Markings	47,000	47,000	48,500			
New - Pavement Markings Village Lots	-	-	7,000			
Street Light Knock Downs	12,500	12,500	12,500			
Additional Street Lighting	10,000	10,200	10,000			
Street Light Lamp						
Disposal Recycle Costs	600	-	600			
Stationary Electronic Message Boards	5,000	6,860	5,000			
TOTAL EXPENDITURES	75,100	76,560	83,600		-	11.3%



preform traffic control systems, ltd.

625 Richard Lane • Elk Grove, IL 60007 • Phone (847) 718-0041 • Fax (847) 718-0049

January 4, 2016

Mr. Joseph Volpe
Supervisor of Traffic Operations
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60195-2308

Re: Contract Extension -- Pavement Markings 2016

Dear Mr. Volpe:

This letter is Preform Traffic Control Systems, Ltd.'s official notice to you of its desire to renew the subject contract for the year 2016 at the alternate bid prices for 2016 as contained in the subject contract. All other terms and conditions shall remain the same.

Enclosed is a copy of our 2015 work product spread sheet which contains the actual quantities for the 2015 service year.

We appreciate your continued confidence in Preform's performance on the Village's roadways, and we look forward to working with you during the 2016 service year.

Thank you in advance for your kind assistance and cooperation in this matter.

Sincerely,

Timothy M. Campion
President

Enclosure

TOTAL CAPABILITY: Airfield and Highway Safety Markings

**VILLAGE OF HOFFMAN ESTATES - STRIPING 2015
PURCHASE ORDER NO. 00012402**

DATE	4" YELLOW LONG LINE	6" YELLOW	4" YELLOW PARKING	6" WHITE	6" WHITE LONG LINE	4" WHITE LONG LINE	24" WHITE	L & S ARROW & ONLY
07/08/15	72,256				7,194	30,070		
07/09/15		18		8,586			2,140	1,926
07/13/15		3,662		12,153			1,597	786
07/17/15		290		3,785			508	252
\$46,998.12	72,256	3,970	0	24,524	7,194	30,070	4,245	2,964
	0.120	0.70	0.35	0.70	0.350	0.120	1.70	1.70
	8,670.72	2,779.00	0.00	17,166.80	2,517.90	3,608.40	7,216.50	5,038.80

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend 2014 contract for 2016 Street Sweeping, inclusive of all associated costs including hauling of debris, to K. Hoving Clean Sweep, West Chicago, IL (low bid), in an amount not to exceed \$103,000.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works

PURPOSE: To prevent debris build-up on streets and to reduce the amount of debris from entering storm drainage system and retention ponds.

BACKGROUND: \$103,000 is provided within the 2016 operating budget for contractual street sweeping. Service specifications call for a per curb mile unit cost with the associated hauling of swept debris. Unit costs are broken into three (3) seasons; spring, summer, and fall. Past practice has been to exercise contractor's hauling prices during all four (4) sweeping cycles and a partial sweep, diverting in-house personnel to other Village service needs.

On February 24, 2014, three bid proposals were opened by our Village Clerk for 2014 sweeping costs with alternate proposals for 2015 and 2016. The bids opened were: Waste Management of Illinois, Cicero IL, Hoving Clean Sweep, West Chicago, IL and Illinois Central Sweeping of Blue Island, IL. Illinois Central Sweeping was a "NO BID".

Hoving Clean Sweep, West Chicago, IL, was awarded the contract for 2014 and also had the lowest bid for the 2015 and 2016 extensions. With the acceptable performance provided by this contractor during the 2009 thru 2015 sweeping programs, it is recommended to award this contractor an extension for 2016.

BACKGROUND, Continued

The depicted unit costs represent the seasonal per curb mile charge for sweeping and debris removal.

Season	2014	2015	2016
Spring	62.00	63.24	64.00
Summer	62.00	63.24	64.00
Fall	97.00	99.00	101.00

DISCUSSION:

Based upon unit prices, the projected all-inclusive annual cost for the vendor to perform four (4) contract specified Village sweeps and one partial sweep during 2016, is \$103,000. Street sweeping is also sometimes required throughout the year to address special events, high traffic streets, and department construction site clean-up. Costs for special sweeps are included in the \$103,000.

FINANCIAL IMPACT:

\$103,000 is included within the 2016 budget for four (4) complete Village sweepings and one partial sweep in June to effect the maple tree seedlings in key areas, one sweep in the spring and summer and two sweeps in the fall, inclusive of contractor hauling of collected debris. Additional sweeps for special events, including the Northwest Fourth Festival sweeps and spot sweeping needs beyond the four complete Village sweeps can be supported within the current allocated budget.

The total amount required for the 2016 street sweeping contract for four (4) complete Village sweeps and (1) Partial sweep, including street sweeps for special events, is \$103,000.

RECOMMENDATION:

Request authorization to extend 2014 contract for 2016 Street Sweeping, inclusive of all associated costs including hauling of debris, to K. Hoving Clean Sweep, West Chicago, IL (low bid), in an amount not to exceed \$103,000.



Hoving Clean Sweep, LLC.
2351 Powis Road
West Chicago, IL 60185
Phone: 630-377-7000 Fax: 630-377-7462

12-9-2015

Village of Hoffman Estates
2305 Pembroke Ave
Hoffman Estates, IL 60195
Attn: Joe Volpe

Dear Joe,

K. Hoving Clean Sweep enjoyed working with you for the 2015 season. We are looking forward to working with you in **2016**. We will keep up the same effort to satisfy you and your town in the upcoming year. We just wanted to confirm for this year the following schedule;

The following proposed service schedule & approximate sweep times as based on our conversation is as follows;

- Sweep 1: Week of May 09, 2016 (FULL SWEEP SPRING RATE) 282miles@ \$64.00
- Sweep 2: Week of June 20, 2016 (PARTIAL SWEEP SPRING RATE) 122 miles@ \$64.00
- Sweep 2: Week of July 25, 2016 (FULL SWEEP SPRING RATE) 282miles@ \$64.00
- Sweep 3: Week of October 17, 2016 (FULL SWEEP FALL RATE) 282miles@\$101.00
- Sweep 4: Week of November 14, 2016 (FULL SWEEP FALL RATE) 282miles@\$101.00

Please confirm any special sweeps for the parade routes as dates, and times come available.

If you see any changes you would like to make above, please change the above date in question. Please call me with any questions or concerns.

Greg S. Miller

630-377-7000

Cell 630-781-2131

Joe Volpe Joseph D Volpe

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for the construction of a water main interconnect to Swallow Construction Corporation, Downers Grove, IL (low qualified bid), in an amount not to exceed \$57,850.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

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

PURPOSE: To award contract for construction of a water main interconnect

BACKGROUND: Water to Village's North Pressure Zone (areas generally north of I-90 Tollway) is supplied by two separate 16" transmission mains along Ela Road and Huntington Road. Both water mains cross under I-90 Tollway through encasements (casing pipes) for protection. Casing pipes provide access for repair of the water mains under the Tollway. The Huntington Road crossing (just north of the Village Hall) was found to be in conflict with the Tollway widening project. The Tollway's new retaining wall is installed at south of the casing pipe and the bend on the water main blocked extension of the casing pipes. The NICOR pipes and JAWA transmission mains located also south of the new retaining wall are presenting additional difficulties to the extension of casing pipe. Without the casing pipe being extended beyond the offset of the new retaining walls future access to the crossing for repair no longer exists. A water main leak at the crossing would take the transmission water main out of service permanently.

Both Tollway and Village consultant engineers examined various options to extend the existing casings pipe and found none financially feasible. The engineer concluded that a new crossing at a different location is both a better financial and operational option. According to engineer's estimate it could take 3 to 4 years to complete design and apply for both IEPA and Tollway permits before construction can start. As the Tollway project does not allow for such a delay, an immediate temporary solution has to be found. Through a consultant engineer's assistance staff investigated an option of utilizing an existing nearby 12" water mains that cross I-90 Tollway to

BACKGROUND, continued

supply water to the small part of the South Pressure Zone (including the AT&T Building) located north of the Tollway. As the 12" water mains are protected by the existing casing pipe with sufficient length beyond the new retaining wall, NICOR and JAWA pipes, it could be used as a reliable alternative water supply line for the North Pressure Zone in place of the 16" in an emergency. In order to confirm the feasibility consultant engineer constructed a computerized hydraulic model of both North & South Pressure Zones. The model simulation determined that the water system is able to maintain proper pressure and adequate fire flow to the North Zone through the 12" water main (assuming Huntington Road 16" water main crossing being taken out of service). With the temporary 12" alternative water main crossing the Village will have a safe transition before the new permanent crossing at a different location can be installed.

Through competitive proposals Village hired Baxter Woodman Consultant engineers to design the interconnection between the 16" and 12" water mains to allow the 12" water mains to function as alternate transmission line for crossing the I-90 Tollway to supply water to the North Pressure Zone.

DISCUSSION:

By July 2015, the design and bid documents are all complete and IEPA construction permit was also received. The project was bid out in November 2015 to avoid conflict with Tollway's busy construction schedule.

On December 18, 2015, the bid opening date, a total of 13 bids were received and they are listed as follow:

<u>Company</u>	<u>Total</u>
Swallow Construction Corporation	\$57,850.00
Maneval Construction	\$62,500.00
Patnick Construction, Inc.	\$63,350.00
Trine Construction Corp.	\$63,605.00
H. Linden & Sons Sewer	\$71,000.00
John Neri Construction, Co., Inc.	\$74,100.00
Mauro Sewer	\$78,800.00
Martam Construction, Inc.	\$79,240.00
Lifco Construction	\$85,000.00
Vian Construction Co.	\$93,020.00
Montemayor	\$94,600.00
City Construction	\$101,700.00
A Lamp Concrete	\$180,690.00

The apparent low bid was provided by Swallow Construction Corporation. Village consultant engineer, Baxter & Woodman, analyzed each of the bids and find Swallow Construction Corporation to be the lowest responsible bidder and recommend award of contract to Swallow Construction. Staff contacted references and received confirmation that Swallow Construction Corporation has successfully completed similar projects for other municipalities. Therefore staff concurs with the recommendation.

FINANCIAL IMPACT:

The FY 2016 budget (Account 40407425 4609) contains a line item for water main work required due to Tollway widening project and there are sufficient funds to cover the proposed total cost of \$57,850 by Swallow Construction Corporation.

RECOMMENDATION:

Request authorization to award contract for the construction of a water main interconnect to Swallow Construction Corporation, Downers Grove, IL (low qualified bid), in an amount not to exceed \$57,850.

Note: A copy of all proposal documents are in the white Public Works binder in the trustee's ante room.

December 23, 2015

Mr. Joe Nebel
Director of Public Works
Village of Hoffman Estates
Public Works Department
2305 Pembroke Avenue
Hoffman Estates, IL 60169

RECOMMENDATION TO AWARD

Subject: Village of Hoffman Estates – North Zone Interconnect Engineering

Dear Mr. Nebel:

The following bids were received for the subject project on December 18:

<u>Bidder</u>	<u>Amount of Bid</u>
Swallow Construction Corporation Downers Grove, IL	\$57,850.00
Maneval Construction Ingleside, IL	\$62,500.00
Patnick Construction, Inc. Franklin Park, IL	\$63,350.00
Trine Construction Corp. West Chicago, IL	\$63,605.00
H. Linden & Sons Sewer Plano, IL 60545	\$71,000.00
John Neri Construction, Co., Inc. Addison, IL 60101	\$74,100.00
Mauro Sewer Des Plaines, IL 60016	\$78,800.00
Martam Construction, Inc. Elgin, IL 60120	\$79,240.00

Lifco Construction Carol Stream, IL	\$85,000.00
Vian Construction Co. Elk Grove Village IL	\$93,020.00
Montemayor South Elgin, IL	\$94,600.00
City Construction Chicago, IL 60630	\$101,700.00
A Lamp Concrete Schaumburg, IL	\$180,690.00

Our pre-bid opinion of probable construction cost for this Project was \$75,000.

We have analyzed each of the Bids and find Swallow Construction Corporation to be the lowest responsible Bidder. Swallow Construction Corporation has successfully completed similar projects and they are qualified to complete the project. We recommend award of contract to Swallow Construction in the amount of **\$57,850.00**

Enclosed is one set of the Bid Tabulation. The original bid documents will be delivered separately.



If you have any questions, please do not hesitate to call me at 815.444.4438 or e-mail me at sodell@baxterwoodman.com.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

A handwritten signature in blue ink, appearing to read "Sean E. O'Dell".

Sean E. O'Dell, P.E.

Attachment

C: Haileng Xiao, Superintendent of Water & Sewer
Gerald Groth, P.E., Baxter & Woodman

I:\Chicago\HOFFE\140826-InterconnectWM\40-Design\Word\letter of recommendation 12.23.15.docx

Village of Hoffman Estates Illinois
Water System Interconnect

Tabulation of Bids

Bid Opening Date: December 28, 2015

No. / Pay Item	Approximate Quantity	Engineer's Estimate		Swallow Construction Corporation Downers Grove, IL 60515		Manuel Construction Eggleston, IL 60041		Patrick Construction, Inc. Franklin Park, IL 60131		Trine Construction Corp. West Chicago, IL 60185		H Lunden & Sons Sewer and Plum, IL 60545		John Neri Construction Co., Inc. Addison, IL 60101	
		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1. Size 1 Improvements	1			\$78,850.00	\$78,850.00	\$26,300.00	\$26,300.00	\$30,050.00	\$30,050.00	\$19,100.00	\$19,100.00	\$28,000.00	\$28,000.00	\$44,800.00	\$44,800.00
2a. Size 2: 12" Gate Valve in 60" Vault	1			\$12,500.00	\$12,500.00	\$15,700.00	\$15,700.00	\$11,300.00	\$11,300.00	\$13,170.00	\$13,170.00	\$19,000.00	\$19,000.00	\$11,500.00	\$11,500.00
2b. Size 2: 16" Gate Valve in 70" Vault	1			\$16,500.00	\$16,500.00	\$20,500.00	\$20,500.00	\$22,000.00	\$22,000.00	\$21,335.00	\$21,335.00	\$24,000.00	\$24,000.00	\$17,800.00	\$17,800.00
TOTAL AMOUNT OF BID			\$75,000	Total:	\$57,850.00	Total:	\$62,500.00	Total:	\$63,350.00	Total:	\$63,805.00	Total:	\$71,000.00	Total:	\$74,100.00

Village of Hoffman Estates Illinois
 Water System Interconnect
 Tabulation of Bids

Bid opening Date: December 18, 2015

No. Bid Item	Approximate Quantity	Maurio Sewer Construction, Inc. Des Plaines, IL 60016		Marram Construction, Inc. Evan, IL 60120		Ulco Construction Carol Stream, IL 60188		Van Construction Co., Inc. Elt Grove Village, IL 60007		Montemayor Construction, South Elgin, IL 60177		City Construction Chicago, IL 60630		A Lamp Concrete Schauamburg, IL 60193	
		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1. Site Improvements	1	\$48,200.00	\$48,200.00	\$41,570.00	\$41,570.00	\$43,000.00	\$43,000.00	\$42,900.00	\$42,900.00	\$56,600.00	\$56,600.00	\$47,478.00	\$47,478.00	\$85,110.00	\$85,110.00
2a. Site 2: 12" Gate Valve in 60" Vault	1	\$15,100.00	\$15,100.00	\$12,620.00	\$12,620.00	\$16,000.00	\$16,000.00	\$22,280.00	\$22,280.00	\$17,000.00	\$17,000.00	\$72,570.00	\$72,570.00	\$36,180.00	\$36,180.00
2b. Site 2: 18" Gate Valve in 70" Vault	1	\$18,500.00	\$18,500.00	\$25,100.00	\$25,100.00	\$26,000.00	\$26,000.00	\$26,800.00	\$26,800.00	\$21,000.00	\$21,000.00	\$31,652.00	\$31,652.00	\$59,400.00	\$59,400.00
TOTAL AMOUNT OF BID			\$78,800.00		\$79,240.00		\$85,000.00		\$93,020.00		\$94,600.00		\$101,700.00		\$180,890.00

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to waive formal bidding and purchase Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier), at 2016 unit prices, in an amount not to exceed \$194,500.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

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

PURPOSE: To provide a source for 2016 water meter purchases.

BACKGROUND: The Village has been utilizing the Neptune encoder type water meter for its revenue maintenance program and for new construction since 1981. There is only one supplier in our area providing Neptune meters, Water Resources, Inc. In the past, the meter supplier has been required by the Village to hold prices firm for a 12 month period, which they have. Some item prices quoted for 2016 are the same for 2015 or even lower. The Department spot checks the sole supplier competitiveness by reviewing previous years' quotes.

DISCUSSION: The 2016 water meter service program is summarized as follows:

1. Continue routine and programmed residential meter maintenance program to repair & replace various size meters with meter interface units that are identified as being at, or near failure. Staff projects an additional 60 units for construction of new houses. The total estimated cost is \$180,000.
2. Continue maintenance program for large commercial compound meters. This program covers construction for commercial properties, replacement of registers, meter chambers, dual check valves and etc. Staff projects a few special sized meters ranging from 2" to 4" to be installed for new commercial properties. The estimated cost is \$14,500.

FINANCIAL IMPACT:

The total estimated cost to cover meter service program for 2016 is \$194,500. The 2016 annual budget, including the Capital Improvement Fund on meters, has sufficient amount to cover the cost.

RECOMMENDATION:

Request authorization to waive formal bidding and purchase Neptune meters from Water Resources, Inc., Elgin, IL (sole supplier), at 2016 unit prices, in an amount not to exceed \$194,500.

December 18, 2015

Village of Hoffman Estates
2305 Pembroke Avenue
Hoffman Estates, IL 60195

Attention: Jeff Allen

We are pleased to submit prices covering the Neptune product line for the Village of Hoffman Estates. These prices will be in effect from February 1, 2016 through January 31, 2017. It has been our pleasure serving the Village these past years and we look forward to furnishing your future meter needs.

Very Truly Yours,



Michael D. Pedone
Water Resources Inc.

MDP/jt

**Village of Hoffman Estates
2016 Meter Prices**

<u>Disc Meters</u>	<u>Price (Ea.)</u>
5/8x3/4" T-10 Meters E-Coder Gallons (inside set)	\$ 107.00
(pit set)	\$ 150.00
5/8x3/4" T-10 Meters E-Coder/R900i Gallons (inside set)	\$ 205.00
(pit set)	\$ 250.00
5/8x3/4" T-10 Meters ProRead Gallons (inside set)	\$ 95.00
(pit set)	\$ 135.00
3/4" T-10 Meters E-Coder Gallons (inside set)	\$ 150.00
(pit set)	\$ 187.60
3/4" T-10 Meters E-Coder/R900i Gallons (inside set)	\$ 250.00
(pit set)	\$ 287.00
3/4" T-10 Meters ProRead Gallons (inside set)	\$ 140.00
(pit set)	\$ 170.00
1" T-10 Meters E-Coder Gallons (inside set)	\$ 195.00
(pit set)	\$ 236.00
1" T-10 Meters E-Coder/R900i Gallons (inside set)	\$ 295.00
(pit set)	\$ 335.00
1" T-10 Meters ProRead Gallons (inside set)	\$ 185.00
(pit set)	\$ 216.00
1 1/2" T-10 Meters E-Coder Gallons (inside set)	\$ 395.00
(pit set)	\$ 425.00

WATER RESOURCES

1 1/2" T-10 Meters E-Coder/R900i Gallons (inside set)	\$ 490.00
(pit set)	\$ 517.50
1 1/2" T-10 Meters ProRead Gallons (inside set)	\$ 385.00
(pit set)	\$ 410.00
2" T-10 Meters E-Coder Gallons (inside set)	\$ 520.00
(pit set)	\$ 558.00
2" T-10 Meters E-Coder/R900i Gallons (inside set)	\$ 625.00
(pit set)	\$ 660.00
2" T-10 Meters ProRead Gallons (inside set)	\$ 510.00
(pit set)	\$ 540.00

Compound Meters

2" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$1420.00
2" Tru-Flo Compound Meters E-Coder/R900i Gallons (pit set only)	\$1620.00
2" Tru-Flo Compound Meters ProRead Gallons (pit set only)	\$1400.00
3" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$1910.00
3" Tru-Flo Compound Meters E-Coder/R900i Gallons (pit set only)	\$2100.00
3" Tru-Flo Compound Meters ProRead Gallons (pit set only)	\$1890.00
4" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$2580.00
4" Tru-Flo Compound Meters E-Coder/R900i Gallons (pit set only)	\$2775.00
4" Tru-Flo Compound Meters ProRead Gallons (pit set only)	\$2560.00
6" Tru-Flo Compound Meters E-Coder Gallons (pit set only)	\$4250.00
6" Tru-Flo Compound Meters E-Coder/R900i Gallons (pit set only)	\$4445.00
6" Tru-Flo Compound Meters ProRead Gallons (pit set only)	\$4230.00

Turbine Meters

11/2" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 540.00
11/2" HPT Turbine Meters E-Coder/R900i Gallons (pit set only)	\$ 640.00
11/2" HPT Turbine Meters ProRead Gallons (pit set only)	\$ 525.00
2" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 570.00
2" HPT Turbine Meters E-Coder/R900i Gallons (pit set only)	\$ 670.00
2" HPT Turbine Meters ProRead Gallons (pit set only)	\$ 555.00
3" HPT Turbine Meters E-Coder Gallons (pit set only)	\$ 865.00
3" HPT Turbine Meters E-Coder/R900i Gallons (pit set only)	\$ 960.00
3" HPT Turbine Meters ProRead Gallons (pit set only)	\$ 850.00
4" HPT Turbine Meters E-Coder Gallons (pit set only)	\$1200.00
4" HPT Turbine Meters E-Coder/R900i Gallons (pit set only)	\$1300.00
4" HPT Turbine Meters ProRead Gallons (pit set only)	\$1185.00
6" HPT Turbine Meters E-Coder Gallons (pit set only)	\$2270.00
6" HPT Turbine Meters E-Coder/R900i Gallons (pit set only)	\$2370.00
6" HPT Turbine Meters ProRead Gallons (pit set only)	\$2255.00

**Village of Hoffman Estates
2016 Meter Prices**

<u>RF MIU's</u>	<u>Price (Ea.)</u>
R900 MIU's (wall version, V4 – replaced V3 version in May 2015)	\$ 92.50
R900 MIU's (V4 - pit version, 6 ft wire lead)	\$ 135.00

WATER RESOURCES

R900 MTU's (V4 – pit version, 25 ft wire lead) \$ 140.00

UME's

2" Compound UME's E-Coder Gallons (Pit Set Version)	\$ 647.50
2" Compound UME's E-Coder/R900i Gallons (Pit Set Version)	\$ 845.00
2" Compound UME's ProRead Gallons (Pit Set Version)	\$ 630.00
3" Compound UME's E-Coder Gallons (Pit Set Version)	\$ 980.00
3" Compound UME's E-Coder/R900i Gallons (Pit Set Version)	\$ 1180.00
3" Compound UME's ProRead Gallons (Pit Set Version)	\$ 960.00
4" Compound UME's E-Coder Gallons (Pit Set Version)	\$ 1285.00
4" Compound UME's E-Coder/R900i Gallons (Pit Set Version)	\$ 1485.00
4" Compound UME's ProRead Gallons (Pit Set Version)	\$ 1265.00
6" Compound UME's E-Coder Gallons (Pit Set Version)	\$ 1890.00
6" Compound UME's E-Coder/R900i Gallons (Pit Set Version)	\$ 2090.00
6" Compound UME's ProRead Gallons (Pit Set Version)	\$ 1870.00

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to extend 2014 contract for 2016 Parkway Tree Planting Program (low bids), to:
a) Acres Group, Wauconda, IL; and
b) St. Aubin Nursery, Kirkland, IL,
in a total amount not to exceed \$614,750.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

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

PURPOSE: To extend 2014 contracts for 2016 Parkway Tree Planting Program.

BACKGROUND: This is an annual budgeted program whereby the Village purchases and plants parkway trees for a) replacement of EAB infested trees, b) new subdivisions based on deposits collected from building permits, c) replacement tree plantings from accidents and storm damage, and for d) parkway tree plantings utilized to increase aesthetic value for various Village projects. In 2014 specifications were prepared and mailed requesting bids from contractors for the performance of this work and included options for extension of the contract for the respective 2015 season. Planting of these trees occurs in fall with select species planted in the spring based on nursery recommendations for best chance of survivability.

DISCUSSION:

On February 24, 2014 six (6) bids were opened and staff began an evaluation process.

Due to the large quantity of tree replacements being needed, mainly as a result of EAB infested tree removals, two firms are being recommended for awarding of this contract. Acres Group, Wauconda, IL and St. Aubin Nursery, Kirkland, IL, the second and third low bidders. St. Aubin Nursery is known to the Village of Hoffman Estates and has provided parkway tree planting services a number of times during the past 20 years with favorable results. They have shown to be professional and cooperative. References provided by Acres Group for like services were contacted and the municipalities of Crystal Lake, Palatine and Carpentersville provided very positive comments regarding this vendor's cooperation, quality of work and timeliness of tasks performed for related services. Overall experience with this firm was indicated to be professional and satisfactory with no problems noted.

Both of these firms were utilized for the 2014 and 2015 spring and fall planting programs with very favorable results. Funding was approved in the 2016 budget to continue replacement tree plantings resulting from EAB removals. In an effort to maintain the goal of replacing EAB trees within a year of removal, both contractors were contacted and asked if they would consider holding their pricing submitted for the 2015 season for the 2016 spring and fall seasons. St. Aubin Nursery and Acres Landscaping responded that they would be willing to match 2015 pricing for one additional year. This is extremely significant as tree availability is beginning to become limited as numerous communities have begun competing for replacement trees. Costs in turn have begun rising substantially and will likely continue for a number of years as shortages of nursery stock are experienced.

A comparison/tabulation of the six (6) original bid proposals received in 2014 is attached.

FINANCIAL IMPACT:

The Village reserved the right to change, add or delete quantities of trees to be planted. This quantity is conditioned upon the total amount of funds budgeted for the program each fiscal year. As indicated earlier in this document, funding for EAB replacements was unclear when the program started in 2013. As such the contract was only bid for 2 years rather than the customary 3 years. Based on the quantity of trees to be planted, (quantity should mirror 2015 of approximately 2000+) coupled with the 2 nurseries willingness to hold prices for 2016 and the likelihood of a significant cost increase occurring should we pursue rebidding in 2016, staff recommends accepting St. Aubin Nursery and Acres Landscaping's agreement for holding tree costs that parallel those of 2015.

FINANCIAL IMPACT continued:

Given our ability to control the quantity of trees the contractor will be planting, staff can cause the contract sum to be equal to that of funding availability. Based on specifications requirements, bidders submitted prices per tree to be planted by specie as indicated on the attached tabulation form.

Funding for this year's program is supported by \$614,750 budgeted within the Street Division Forestry & Grounds Program which includes; EAB tree replacements (\$550,000) accident, storm damage and out of warranty replacement plantings (\$50,000) and planting/replanting of Village rights-of-way (\$14,750).

Quantities for tree planting for the 2016 season are anticipated to be approximately 1800-2200 trees with a large majority being planted to replace EAB infested trees removed throughout the 2015 season.

RECOMMENDATION:

Request authorization to extend 2015 contract for 2016 Parkway Tree Planting Program (low bids), to:

- a) Acres Group, Wauconda, IL; and**
 - b) St. Aubin Nursery, Kirkland, IL,**
- in a total amount not to exceed \$614,750.**

DEPARTMENT OF PUBLIC WORKS

Memo

TO: Kelly Kerr

FROM: Nick Lackowski

RE: 2016 Contractor Tree Planting

DATE: 1/19/2016

Urgent For Review Please Comment Please Reply Enclosure(s)

Kelly,

I had an opportunity to reach out to both of our planting firms regarding the extension of their current planting agreements ending December 31, 2015. I am pleased to let you know that both St. Aubin Nursery and Acres Group have given us the go ahead to extend their contacts for 2016 holding their prices from 2015 on all plant material. I have attached both of their responses, please let me know if you need any further clarification. Thanks



Nick Lackowski
Staff Arborist

CC: Ken Gomoll
Joe Nebel

St. Aubin

NURSERY

Native Plant Specialists

January 18, 2016

Mr. Nick Lackowski
Village of Hoffman Estates
2305 Pembroke Avenue
Hoffman Estates, IL 60169

Dear Nick:

Per our conversation of January 18, 2016, St. Aubin Nursery agrees to extend our current contract with the Village of Hoffman Estates until December 31, 2016, maintaining tree prices at the current level.

We look forward to working with the Village of Hoffman Estates again this year. Your business is sincerely appreciated.

Sincerely,



C. Todd Sullivan
President

Kirkland Farm
35445 Irene Rd.
Kirkland, IL 60146

815.522.3535
F: 815.522.6663

info@staubin.com
www.StAubin.com

100
Years
1913-2013

Nick Lackowski

From: Dumas, Jeff <Jeff.Dumas@acresgroup.com>
Sent: Friday, December 18, 2015 2:20 PM
To: Nick Lackowski
Cc: Kelly Kerr
Subject: 2016

Nick,

Acres Group would be willing to roll over our contract for an additional year at the current pricing.

Thanks

Jeff

Jeff Dumas RLA
Illinois Certified Arborist
Vice President | Acres Group
23940 Andrew Rd. Plainfield, IL 60585
O: 815-439-2022
www.acresgroup.com

[Ask Me About Acres Tree Care!](#)

ACRES GROUP



--- Confidentiality Statement ---

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Village of Hoffman Estates, Illinois 2016 Annual Operating Budget

Account Information

Account Number: 01404325-4610
 Account Name: Other Capital Expenditures

Fund: General
 Department: Public Works
 Division: Forestry

Account History

2012 Budget	\$ 20,250	2013 Budget	\$ 20,250	2014 Budget	\$ 670,250
2012 Actual	\$ 19,910	2013 Actual	\$ 15,648	2014 Actual	\$ 438,157

	2015 Budget	2015 Estimate	2016 Dept Request	2015 Carry-Over	2016 Manager Approved	Percent Change
Projected Expenditures						
New Plantings (in the Fall)	11,750	11,750	11,750		11,750	
Contractual Ash Tree Replacements (Part of EAB Program)	550,000	550,000	550,000		550,000	
Accident/Storm Damage/Out of warranty Replacements	5,500	5,500	50,000		50,000	
Beautification Plantings	1,500	1,500	1,500		1,500	
Arbor Day Plantings	1,500	1,500	1,500		1,500	
TOTAL EXPENDITURES	570,250	570,250	614,750	-	614,750	7.8%

Prepared by Kelly Kerr 11/10/2015
 Approved by Joseph Nebel

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

NB-7

SUBJECT: Request authorization to award contract for 2016-2017 sanitary sewer work that includes heavy cleaning, root cutting, CCTV inspection and condition evaluation services to American Underground Inc., Glenview IL, (lowest qualified bidder), in an amount not to exceed \$150,000.

MEETING DATE: January 25, 2016

COMMITTEE: Public Works & Utilities

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

PURPOSE: To award contract for 2016-2017 sanitary sewer work.

BACKGROUND: The sanitary sewer rehabilitation construction program is in its sixteenth year. Village consulting engineers are in the process to complete engineering plans and specifications for Phase V sewer rehabilitation construction. Part of the engineering work is to conduct a prioritized condition assessment of high risk sanitary sewer system through various inspections and testing methods.

On the average staff completes cleaning and CCTV (Closed Circuit Television) inspection 15,400 feet of sanitary sewer. The Village's Sanitary Sewer System is composed of over 192 miles (or 1,013,760 feet) of sanitary sewer mains. In July 2014 Metropolitan Water Reclamation District of Greater Chicago (MWRD) adopted the Infiltration/Inflow Control Program (Article 8). Per Article 8 the Village is required to complete the assessment of the sanitary sewer system within five years as part of the Short Term Requirement.

In order to achieve compliance with Article 8 contractor assistance is necessary. Contractors can provide special expertise and equipment that staff does not have for inspection of large and damaged sewer. The contractor's report to the Village includes video footage, a database of defects and damage and a condition assessment report. The includes location of sags, ground water/run-off infiltration and inflow, grease, root intrusion, cracked

BACKGROUND continued:

pipes and mineral deposits. The CCTV inspection & assessment classify the sanitary sewer into categories of high, medium and low severity conditions, which are for the consultant engineer to review and prioritize for rehabilitation work. Critical repairs will be dealt with immediately and non-critical maintenance repairs will be planned to occur with street and sewer improvements.

The Villages of Glenview (lead community), Kenilworth, Lincolnshire, Niles, Northfield, Vernon Hills, and Wilmette have formed a purchasing consortium and developed specifications and requests for bids (RFB) for the sanitary sewer work as part of Municipal Partnering Initiative (MPI). Bids were advertised on January 29, 2015, and bids were opened on February 26, 2015. The RFB was for a three-year contract with two optional one-year renewals. Three bids were received, with American Underground, Inc. of Glenview, IL, providing the lowest responsive and responsible bid. American Underground was awarded the contract (\$586,400.00) by the Villages of Glenview.

DISCUSSION:

Staff reviewed the specifications and RFB written by the six Villages and found them applicable to the Village's sanitary sewer work. In 2015 American Underground was asked to do a pilot CCTV inspection of sanitary sewer with cleaning and root cutting (not to exceed \$5,000 and approximately 3,000 feet of sewer) according to the same specifications and bid prices. The pilot project was completed to the full satisfaction of staff and the total costs were lower in comparison to the costs Village would incur if the pilot project had been quoted out separately.

Under the RFB's Article 12 (Joint Purchasing/Purchasing Extension) as authorized by the Governmental Joint Purchasing Act, 30 ILCS 525/0.01, et seq. (the "Act"), the successful bidder and the Village may negotiate terms and conditions for the same work for the same bid prices. As we are unable to join the MPI for this service mid-contract American Underground Inc. offered to complete the same work at the same unit price for the Village under the same specifications. The price for the Village will be lower by receiving the same unit price as the combined work of the six Villages. Staff recommends acceptance of the offer.

FINANCIAL IMPACT:

According to the unit prices submitted by American Underground in the successful bid, staff estimated the costs for FY 2016-2017's work will be \$150,000. The line item in FY 2016 Annual Operating Budget including capital improvement projects has sufficient funds to cover the costs.

RECOMMENDATION:

Request authorization to award contract for 2016-2017 sanitary sewer work that includes heavy cleaning, root cutting, CCTV inspection and condition evaluation services to American Underground Inc, Glenview IL, (lowest qualified bidder), in an amount not to exceed \$150,000.

American Underground Inc.

P.O. Box 569 * Glenview, Illinois 60025
Ph 1-847-724-3503 * Fax 1-847-724-3508

Village of Hoffman Estates
Haileng Xiao
2305 Pembroke Drive
Hoffman Estates, IL 60169

January 14, 2016

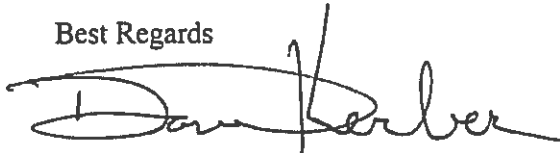
Re' CCTV MPI Contract Pricing

Mr. Xiao,

In regards to pricing for CCTV inspection of sanitary and storm sewer lines at various locations within the Village of Hoffman Estates, American Underground Incorporated is willing to honor the pricing submitted to the Village of Glenview in the 2015 multi-year renewable MPI Contract Number 215011.

Please do not hesitate to contact me with any questions.

Best Regards

A handwritten signature in black ink, appearing to read "David Kerber". The signature is fluid and cursive, with a large initial "D" and "K".

David Kerber - Vice President
American Underground Inc.



Village of Glenview

1226 Waukegan Road
Glenview, IL 60025
(847)904-4350

SUBMISSION INFORMATION

INVITATION: #215011

BID OPENING DATE: February 12, 2015
TIME: 3:00 P.M. Local Time
LOCATION: Administrative Services
Department

Submit 1 original, 1 copy, and 1 electronic
copy of the RFB response.

INVITATION TO BID CONTRACTOR INFORMATION

COMPANY NAME: American Underground Inc.
ADDRESS: P.O. Box 569
CITY, STATE, ZIP CODE: Glenview IL 60025

Sanitary and Storm Sewer Closed Circuit Television (CCTV) Inspection
per the specifications identified herein

I. BASE BID
a. Year 1 (2015)

Item No.	Item Description	Estimated Quantities* (All Municipalities)	Unit of Measure	Unit Price	Extended Price
1.	CCTV Inspection of Storm Sewers (6" to 42")	127,300	LF	\$ <u>1.55</u>	\$ <u>197,315.00</u>
2.	CCTV Inspection of Sanitary Sewers (8" to 12") with Concurrent Dyed-water Flooding	23,000	LF	\$ <u>2.21</u>	\$ <u>50,830.00</u>
3.	CCTV Inspection of Sanitary Sewers (15" to 18") with Concurrent Dyed-water Flooding	7,800	LF	\$ <u>2.25</u>	\$ <u>17,550.00</u>
4.	CCTV Inspection of Sanitary Sewers (8" to 12") (no dyed-water flooding)	136,700	LF	\$ <u>1.32</u>	\$ <u>180,444.00</u>
5.	CCTV Inspection of Sanitary Sewers (15" to 18") (no dyed-water flooding)	18,300	LF	\$ <u>1.32</u>	\$ <u>24,156.00</u>
6.	CCTV Inspection of Sanitary Sewers (21" to 30") (no dyed-water flooding)	5,300	LF	\$ <u>1.71</u>	\$ <u>9,063.00</u>
7.	Sewer Condition Evaluation	217,500	LF	\$ <u>0.18</u>	\$ <u>39,150.00</u>
TOTAL BASE BID, YEAR 1 (2015)					\$ <u>518,508.00</u>

b. Year 2 (2016)

Item No.	Item Description	Estimated Quantities* (All Municipalities)	Unit of Measure	Unit Price	Extended Price
1.	CCTV Inspection of Storm Sewers (6" to 42")	127,300	LF	\$ <u>1.55</u>	\$ <u>197,315.00</u>
2.	CCTV Inspection of Sanitary Sewers (8" to 12") with Concurrent Dyed-water Flooding	23,000	LF	\$ <u>2.21</u>	\$ <u>50,830.00</u>
3.	CCTV Inspection of Sanitary Sewers (15" to 18") with Concurrent Dyed-water Flooding	7,800	LF	\$ <u>2.25</u>	\$ <u>17,550.00</u>
4.	CCTV Inspection of Sanitary Sewers (8" to 12") (no dyed-water flooding)	136,700	LF	\$ <u>1.32</u>	\$ <u>180,444.00</u>
5.	CCTV Inspection of Sanitary Sewers (15" to 18") (no dyed-water flooding)	18,300	LF	\$ <u>1.32</u>	\$ <u>24,156.00</u>
6.	CCTV Inspection of Sanitary Sewers (21" to 30") (no dyed-water flooding)	5,300	LF	\$ <u>1.71</u>	\$ <u>9,063.00</u>
7.	Sewer Condition Evaluation	217,500	LF	\$ <u>0.18</u>	\$ <u>39,150.00</u>
TOTAL BASE BID, YEAR 2 (2016)				\$ <u>518,508.00</u>	

c. Year 3 (2017)

Item No.	Item Description	Estimated Quantities* (All Municipalities)	Unit of Measure	Unit Price	Extended Price
1.	CCTV Inspection of Storm Sewers (6" to 42")	127,300	LF	\$ <u>1.57</u>	\$ <u>199,861.00</u>
2.	CCTV Inspection of Sanitary Sewers (8" to 12") with Concurrent Dyed-water Flooding	23,000	LF	\$ <u>2.23</u>	\$ <u>51,290.00</u>
3.	CCTV Inspection of Sanitary Sewers (15" to 18") with Concurrent Dyed-water Flooding	7,800	LF	\$ <u>2.29</u>	\$ <u>17,862.00</u>
4.	CCTV Inspection of Sanitary Sewers (8" to 12") (no dyed-water flooding)	136,700	LF	\$ <u>1.35</u>	\$ <u>184,545.00</u>
5.	CCTV Inspection of Sanitary Sewers (15" to 18") (no dyed-water flooding)	18,300	LF	\$ <u>1.35</u>	\$ <u>24,705.00</u>
6.	CCTV Inspection of Sanitary Sewers (21" to 30") (no dyed-water flooding)	5,300	LF	\$ <u>1.71</u>	\$ <u>9,063.00</u>
7.	Sewer Condition Evaluation	217,500	LF	\$ <u>0.18</u>	\$ <u>39,150.00</u>
TOTAL BASE BID, YEAR 3 (2017)				\$ <u>526,476.00</u>	

*The estimated quantities listed in the bid table are for reference only. The Contractor is hereby made aware that the bid prices shall apply to work in all Municipalities participating in this bid even if no estimated quantity is listed for that municipality.

See Estimated Quantities Table in the Technical Specifications for estimated quantities for each Municipality.

TOTAL BASE BID AMOUNT (YEARS 1-3) \$ 1,563,492.00

II. SUPPLEMENTAL UNIT PRICES
a. Year 1 (2015)

Item No.	Item Description	Unit of measure	Unit Price
1.	CCTV Inspection of Storm Sewers (48" to 72")	LF	\$ <u>1.89</u>
2.	CCTV Inspection of Sanitary Sewers (21" to 30") with Concurrent Dyed-water Flooding	LF	\$ <u>2.95</u>
3.	CCTV Inspection of Sanitary Sewers (6") (no dyed-water flooding)	LF	\$ <u>1.95</u>
4.	Root Cutting (8" to 12")	LF	\$ <u>0.58</u>
5.	Root Cutting (15" to 18")	LF	<u>0.95</u>
6.	Root Cutting (21" to 30")	LF	\$ <u>6.00</u>
7.	Heaving Cleaning	CREW HRS	\$ <u>365.00</u>
8.	Emergency CCTV Inspection (no dyed-water flooding) Sanitary or Storm Sewer (8" to 42")	CREW HRS	\$ <u>385.00</u>

b. Year 2 (2016)

Item No.	Item Description	Unit of measure	Unit Price
1.	CCTV Inspection of Storm Sewers (48" to 72")	LF	\$ <u>1.89</u>
2.	CCTV Inspection of Sanitary Sewers (21" to 30") with Concurrent Dyed-water Flooding	LF	\$ <u>2.95</u>
3.	CCTV Inspection of Sanitary Sewers (6") (no dyed-water flooding)	LF	\$ <u>1.95</u>
4.	Root Cutting (8" to 12")	LF	\$ <u>0.58</u>
5.	Root Cutting (15" to 18")	LF	<u>0.95</u>
6.	Root Cutting (21" to 30")	LF	\$ <u>6.00</u>
7.	Heaving Cleaning	CREW HRS	\$ <u>375.00</u>
8.	Emergency CCTV Inspection (no dyed-water flooding) Sanitary or Storm Sewer (8" to 42")	CREW HRS	\$ <u>385.00</u>

c. Year 3 (2017)


Item No.	Item Description	Unit of measure	Unit Price
1.	CCTV Inspection of Storm Sewers (48" to 72")	LF	\$ <u>1.89</u>
2.	CCTV Inspection of Sanitary Sewers (21" to 30") with Concurrent Dyed-water Flooding	LF	\$ <u>2.95</u>
3.	CCTV Inspection of Sanitary Sewers (6") (no dyed-water flooding)	LF	\$ <u>1.95</u>
4.	Root Cutting (8" to 12")	LF	\$ <u>0.58</u>
5.	Root Cutting (15" to 18")	LF	<u>0.95</u>
6.	Root Cutting (21" to 30")	LF	\$ <u>6.00</u>
7.	Heaving Cleaning	CREW HRS	\$ <u>375.00</u>
8.	Emergency CCTV Inspection (no dyed-water flooding) Sanitary or Storm Sewer (8" to 42")	CREW HRS	\$ <u>385.00</u>

BIDS SHALL BE ACCOMPANIED BY BID SECURITY IN AN AMOUNT NOT LESS THAN FIVE PERCENT (5%) OF THE AMOUNT OF THE TOTAL BID.

Any and all exceptions to these specifications MUST be clearly and completely indicated on the bid sheet. Attach additional pages if necessary.
NOTE TO BIDDERS: Please be advised that any exceptions to these specifications may cause your bid to be disqualified. Submit bids by **SEALED BID ONLY**. Fax and e-mail bids are not acceptable and will not be considered.

THE SECTION BELOW MUST BE COMPLETED IN FULL AND SIGNED

The undersigned hereby certifies that they have read and understand the contents of this solicitation and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or to accept any request for additional compensation. By signing this bid document, the bidder hereby certifies that they are not barred from bidding on this contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1981, as amended.

Authorized Signature:  Company Name: American Underground Inc
 Typed/Printed Name: David Kerber Date: 02-26-15
 Title: Vice President Telephone Number: 847-724-3503
 E-mail: david@auinc.tv

Village of Hoffman Estates, Illinois 2016 Annual Operating Budget

Account Information

Account Number: 40407325-4608
 Account Name: Sanitary Sewer Improvements

Fund: Water & Sewer
 Department: Public Works
 Division: Capital Projects Division

Account History

2012 Budget	\$ -	2013 Budget	\$ -	2014 Budget	\$ -
2012 Actual	\$ -	2013 Actual	\$ -	2014 Actual	\$ -

	2015 Budget	2015 Estimate	2016 Dept Request	2015 Carry-Over	2016 Manager Approved	2017 Financial Plan	2018 Financial Plan
Projected Expenditures							
Chippendale Lift Construction/ Engineering	-	-	300,000 20,000		300,000 20,000	- -	- -
Golf Lift Engineering/Rehabilitation	-	-	55,130		55,130	1,000,000	-
Sanitary Sewer Camera for Portable Video Inspection Unit	-	-	-		-	40,000	-
Sanitary Sewer Asset Mgmt System	-	-	-		-	50,000	-
CIP Chippendale Lift Generator Installation	-	-	40,000 10,000		40,000 10,000		
Portable Video Inspection Unit	-	-	-		-	40,000	-
TOTAL EXPENDITURES	-	-	375,130	-	375,130	1,040,000	-

COMMITTEE AGENDA ITEM

VILLAGE OF HOFFMAN ESTATES

NB - 8

SUBJECT: Request approval of the National Gas Franchise Ordinance negotiated with Northern Illinois Gas Company (d/b/a Nicor Gas Company).

MEETING DATE: January 25, 2016

COMMITTEE: Public Works and Utilities

FROM: Daniel P. O'Malley, Deputy Village Manager
Joseph Nebel, Director of Public Works
Paul Petrenko, Facilities Manager

PURPOSE: Request approval of the Natural Gas Franchise Ordinance.

BACKGROUND: The Village has an existing franchise agreement for natural gas service with Northern Illinois Gas Company (d/b/a NICOR Gas Company). The agreement was entered into in 1959 for a period of fifty (50) years. The current franchise agreement expired December 31, 2009; however, has been extended by mutual agreement during the negotiation period with Nicor.

In May 2008, the Public Works and Utilities Committee approved the request of the Northwest Municipal Conference (NWMC) to participate with a number of other municipalities in the creation of a Model Natural Gas Franchise Agreement. The Consortium consisted of a Steering Committee and two sub-committees (Drafting and Negotiating).

Direct negotiations with Nicor representatives and their attorneys was slow and arduous. However, the Consortium Steering Committee, with legal assistance and timely intercession from Senator Pamela J. Althoff, eventually made progress and drafted a model franchise ordinance that protects the interests of municipalities and their utility asset, the rights-of-way (ROW).

To date, the 38 member municipalities in the consortium have all agreed to present this draft ordinance to their prospective City/Village Councils/Boards for approval. If passed, Nicor will then enter a Consent Agreement with each municipality (Exhibit A of the ordinance) to execute the ordinance.

DISCUSSION:

Details and provisions of the agreement are contained within the language of the attached ordinance and the Consortium Steering Committee Memorandum. The new Model Ordinance provides for updated and expanded language that protects the public rights-of-way and addresses current issues related to the modern utility facilities located in municipal right of way. Key points contained in the new franchise are as follows:

- Franchise term is 25 years.
- Requires that Nicor comply with Village accepted ROW, building and tree regulations.
- Nicor must keep the Village apprised of emergencies within 24 hours unless not practicable.
- If the Village chooses, requires Nicor to meet annually to address and resolve issues.
- Requires Nicor to share capital improvement plans, maps, utility work and other information.
- Contains a More Favorable Provisions clause on compensation payments should another municipality receive better terms.
- Provides 20% increase in free gas to the Village with a one-time franchise renewal bonus of \$41,884. This more than offsets the \$10,510.26 in assessments paid to the Consortium.
- Every three (3) years the Village can opt to receive either free gas or annual payments (\$55,849.11).

As noted above, the Village can option to receive either free gas or annual payments. The Village currently receives free gas from Nicor. Since there is little chance that there would ever be unused Therms* at the end of the year, staff recommends that we continue to receive gas rather than cash payments.

FINANCIALS:

- Our current Therm* allocation is 81,895.
- Gas cost per Therm in 2016 is \$0.5683.
- Based on the 2010 census of 51,895, the new Therm allocation will be 98,274 (20% increase).
- The cash equivalent is \$55,849.11 annually.
- Our one time signing bonus will be \$41,886.84.
- Total assessments paid - \$10,510.26

*Therm - equal to 100,000 British thermal units (BTU) or approximately the energy equivalent of burning 100 cubic feet of natural gas.

RECOMMENDATION: Request approval of the Natural Gas Franchise Ordinance negotiated with Northern Illinois Gas Company (d/b/a Nicor Gas Company).

ATTACHMENTS: 2 (Consortium Memorandum) (New Ordinance)

Holland & Knight

131 South Dearborn Street, 30th Floor | Chicago, IL 60603 | T 312.263.3600 | F 312.578.6666
Holland & Knight LLP | www.hklaw.com

Peter M. Friedman
312.578.6566
peter.friedman@hklaw.com

MEMORANDUM

Date: December 30, 2015
To: Northern Illinois Municipal Natural Gas Franchise Consortium Members
From: Peter M. Friedman, Consortium Counsel
Re: Executive Summary -- Model Franchise Ordinance

On December 14, 2015, the Steering Committee of the Northern Illinois Municipal Natural Gas Franchise Consortium ("**Consortium**") unanimously approved a new model Natural Gas Franchise Ordinance ("**Model Ordinance**"). The Model Ordinance was negotiated on behalf of the Consortium with the Northern Illinois Gas Company (d/b/a Nicor Gas Company) ("**Nicor**").

This memorandum provides (i) important information regarding the required timing and approval of the Model Ordinance by Consortium members and (ii) a summary of the key financial and operational provisions of the Model Ordinance.

If you have any questions about any of these matters, please contact Mark Baloga (630-571-0480, ext. 223 or mbaloga@dmmc-cog.org) or Kate Buggy (630-571-0480, ext. 225 or kbuggy@dmmc-cog.org).

Adoption

- For each Model Ordinance to take effect, the Ordinance must be adopted by the Consortium member and Nicor must sign a Consent Agreement that is attached to the Ordinance as Exhibit A. As described further below, the important compensation provisions of the Model Ordinance are triggered by the Ordinance taking effect. Further, it is important for Nicor to see that the Model Ordinance is being adopted by the Consortium members. Accordingly, the Steering Committee requests that Consortium members adopt the Model Ordinance in January 2016.
- Each Consortium member has been provided a word version of the Model Ordinance, tailored to the extent possible for each specific member.
- One addition that will have to be made by each member prior to adoption is to insert in Section 12 of the Ordinance the appropriate contact information for purposes of notices under the Ordinance.
- Each Consortium member must adopt the Model Ordinance pursuant to the member's standard procedures for adoption of ordinances.

- After the Ordinance is adopted, the certification (the second to last page of the document) should be completed and fully executed.
- As soon as the Model Ordinance has been adopted and certified, each Consortium member should notify and provide a copy of the adopted Ordinance to their respective Nicor representative.
- Also, please email Kate Buggy at kbuggy@dmmc-cog.org to confirm adoption of the Ordinance.

Background

- Most gas franchises either have expired recently or are expiring soon.
- Almost all of these franchises are very old, with writing styles often unclear, incomplete, and difficult to understand.
- These franchises include only basic, and now outdated, provisions. They do not adequately address many of the issues that arise with modern utility facilities located in crowded public rights-of-way.
- These franchises do not adequately protect the public health and safety. Nor do they adequately protect the public rights-of-way.

Key Points Regarding Model Ordinance

- A municipality's rights-of-way are among its most important resources and most valuable assets. The Model Ordinance includes new provisions designed to protect the municipality's rights-of-way, including requirements on construction, restoration, and maintenance.
- One of a municipality's foremost responsibilities is to protect the public's safety and welfare. The Model Ordinance includes new provisions designed to better protect the public health and safety, including emergency notice and response standards.
- The compensation provisions in the Model Ordinance better reflect the value of the municipality's right-of-way. The municipality may choose among free gas for municipal facilities or annual cash payments.
- The Model Ordinance includes modern provisions relating to annual meetings with Nicor, capital improvement plans, information sharing, triggers for future amendments based on Model Ordinance terms subsequently agreed to by Nicor.
- By working together as the Consortium, the member municipalities have been able to negotiate with Nicor a new, standard franchise document that is clear, comprehensive, and protective of the interests of both the municipalities and the gas companies.

Summary of Key Provisions of Model Ordinance

- **Term (Section 3).** The new franchise is for a term of 25 years (until January 1, 2041).
- **Effective Date and Consent Agreement (Section 15).** The effective date of the Model Ordinance will be as of January 1, 2016, even though the Ordinance will not be adopted

until after that date. The Ordinance must be adopted no later than March 1, 2016. However, as explained above, the Steering Committee urges each member to adopt the Ordinance in January 2016.

Within 90 days of the Effective Date (March 31, 2016), Nicor is required to execute the Consent Agreement attached to the Model Ordinance as Exhibit A. The purpose of this Consent Agreement is to ensure that Nicor is contractually bound to comply with the Model Ordinance.

- **Compensation for Use of Rights-of-Way (Section 5).** There are two options for compensation for Nicor's use of the public rights-of-way under the Model Ordinance.

The first option ("**Annual Payments**") is an annual lump sum payment that Nicor will make in cash to the municipality. The amount of the Annual Payment is based on the following formula -- generally described as the municipality's "**therm allocation**" times the "**gas cost per therm.**" A municipality's therm allocation is determined by the following parameters:

- 3.6 therms per person up to 10,000 of population
- 2.4 therms per person for the next 10,000 of population
- 1.2 therms per person for the next 80,000 of population
- 1.45 therms per person for the next 20,000 of population
- 1.8 therms per person for the population over 120,000

The gas cost per therm is the sum of (i) the actual three year average of the per therm cost of gas plus (ii) the then-current general gas service cost. Each member has been provided with the Annual Payment calculations based on the current population and gas cost per therm.

The second compensation option ("**Unbilled Gas**") is for the municipality to receive free gas for buildings, or parts thereof, used for municipal purposes. The maximum amount of free gas to be provided cannot exceed the municipality's therm allocation. Upon request, Nicor representatives will provide each municipality with historical usage information to assist in determining which compensation option is best.

Significantly, no later than March 1, 2016, each municipality must notify Nicor in writing whether it wants to receive Annual Payments or Unbilled Gas. If a municipality does not provide this required notice, it will receive Annual Payments. Thereafter, a municipality can change from Annual Payments to Unbilled Gas, or vice versa, every three years with notice to Nicor. If no notice of a change is provided to Nicor, the compensation option will remain unchanged for the subsequent three year period.

Annual Payments will be paid by Nicor during January of each year during the Term of the franchise, except for 2016 when the Annual Payments will be paid in March.

- **One-Time Renewal Payment (Section 5A1).** Each Consortium member adopting the Model Ordinance will receive a one-time cash renewal payment equal to 75 percent of the municipality's therm allocation multiplied by the gas cost per therm. These one-time renewal payments will be made by Nicor on or before March 31, 2016.

- **Municipal Regulations (Section 4B, 4C).** The Model Ordinance requires Nicor to utilize the public right-of-way in compliance with the Model Ordinance and with “Requirements of Law” – a term defined in the Model Ordinance (Section 1) as “any and all reasonable regulations which may now or hereafter be prescribed by general ordinance of the Municipality with respect to the use of the Public Right-of-Way or the conduct of Gas System Work”). This means that the Model Ordinance requires Nicor to comply with local, generally applicable right-of-way, building, and tree regulations.
- **Emergency Response (Section 4D).** The Model Ordinance requires Nicor to provide notice of emergencies to the municipality within 24 hours unless that is somehow not practicable. Nicor and the municipality will provide to each other emergency 24-hour contacts. Nicor is required to keep the municipality apprised of the status of the emergency and when the emergency has been resolved.
- **“Most Favored Nations” Clause (Section 7).** If Nicor enters into an agreement with another franchisor that includes compensation terms the municipality believes are more advantageous or protective than the provisions of the Model Ordinance, then the municipality can choose to incorporate those provisions into Model Ordinance.
- **Accounts and Records (Section 6).** The Model Ordinance requires Nicor to provide the municipality, upon request, with annual information on Nicor’s gross operating revenues within the municipality, broken down among various categories of users.
- **Insurance (Section 9).** The Model Ordinance requires Nicor to obtain and maintain various types of standard insurance against liabilities assumed under the Model Ordinance in the event that Nicor’s financial condition would significantly worsen to the extent that its stockholder equity falls below \$50 million.
- **Annual Meeting (Section 13).** The Model Ordinance requires Nicor to participate in an annual meeting upon the request of the municipality. The matters to be addressed at annual meetings include gas system work, current issues regarding Nicor’s use of the public right-of-way, efforts to promote energy efficiency and cost savings related to the use of gas supplied by Nicor, and anticipated capital improvement projects and coordination with the municipality related to those projects. Nicor and municipal representatives at annual meetings must have knowledge, experience, and authority to address and resolve issues discussed at the meeting. The Model Ordinance obligates the parties to work in good faith to resolve issues raised at the annual meetings.
- **Capital Improvement Plans and Information Sharing (Section 4E2).** The Model Ordinance requires Nicor to establish and maintain (and provide the municipality with access to) an information sharing platform for, among other things, capital improvement plans, gas system work, gas facility location information and maps, and work and maintenance status information.
- **Indemnification (Section 8).** The Model Ordinance contains mutual indemnification provisions. With regard to Nicor, these provisions require the gas company to protect the municipality against claims arising out of the gas company’s failure to comply with the Model Ordinance or any negligent, unlawful, or intentional wrongful acts related to work in and use of the public right-of-way.

VILLAGE OF HOFFMAN ESTATES

AN ORDINANCE AUTHORIZING AND GRANTING
A FRANCHISE TO NORTHERN ILLINOIS GAS COMPANY
(D/B/A NICOR GAS COMPANY), IT SUCCESSORS AND ASSIGNS,
TO CONSTRUCT, OPERATE AND MAINTAIN A NATURAL GAS
DISTRIBUTING SYSTEM IN AND THROUGH THE
VILAGE OF HOFFMAN ESTATES, ILLINOIS

WHEREAS, Northern Illinois Gas Company (d/b/a Nicor Gas Company), an Illinois Corporation (“Nicor Gas”) and the Village of Hoffman Estates (“Municipality”) entered into franchise agreement effective December 3, 1959 that generally authorized Nicor Gas to construct, operate and maintain a gas distribution system within the Municipality, and Nicor Gas provided the Municipality a letter dated November 17, 2011 that specifies the compensation to be paid to the Municipality by Nicor Gas in connection with such franchise agreement (such franchise agreement and letter are referred to collectively herein as the “Previous Agreement”); and

WHEREAS, Nicor Gas, along with its successors and permitted assigns (collectively, “Grantee”), and the Municipality desire to have this Ordinance adopted and to have it represent a new agreement between the Grantee and the Municipality to supersede the Previous Agreement (“Franchise”); and

WHEREAS, the Municipality has determined that it is in the best interests of the Municipality and its residents to adopt this Ordinance establishing a new Franchise with the Grantee; and

WHEREAS, the Grantee has approved this Ordinance and authorized execution by its duly authorized representatives of the Consent Agreement provided pursuant to Section 15 of this Ordinance.

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

Section 1: DEFINITIONS. The following terms have the meaning ascribed to them in this Section:

- A. *Annual Meeting.* The meeting provided under Subsection 13.A. of this Ordinance.
- B. *Assignee.* The entity that accepts an assignment under this Ordinance from the Grantee with the authorization of the Municipality, as provided in Subsection 13.B of this Ordinance.
- C. *Corporate Authorities.* The corporate authorities of the Municipality.
- D. *Effective Date.* The effective date of this Ordinance, being January 1, 2016.
- E. *Emergency.* An event involving the Gas System that (i) poses an imminent threat to the public health or safety within the Municipality or (ii) is likely to result in a prolonged and unplanned interruption of gas service to a significant number of customers within the Municipality.
- F. *Gas.* Natural gas or manufactured gas, or a mixture of gases, that is distributed to the Grantee’s customers in the Municipality through the Gas System.

G. *Gas System.* The Grantee's system of pipes, tubes, mains, conductors, and other devices, apparatus, appliances, and equipment of the production, distribution, and sale of gas for fuel, heating, power, processing, and other purposes within and outside the corporate limits of the Municipality.

H. *Gas System Work.* Any construction, operation, maintenance, repair, removal or replacement of the Gas System conducted by the Grantee within the Public Right-of-Way or conducted by the Grantee immediately adjacent to the Public Right-of-Way if such activity physically disturbs the Public Right-of-Way.

I. *ICC.* The Illinois Commerce Commission.

J. *Public Right-of-Way.* The Municipality's streets, alleys, sidewalks, parkways, easements, and other property of the Municipality used as right-of-way.

K. *Requirements of Law.* Any and all reasonable regulations which may now or hereafter be prescribed by general ordinance of the Municipality with respect to the use of the Public Right-of-Way or the conduct of Gas System Work.

L. *Term.* The term of the Franchise under Section 3 of this Ordinance.

Section 2: GRANT OF FRANCHISE. The Municipality grants the right, permission and authority to the Grantee to construct, operate, maintain, repair, remove, and replace its Gas System within the corporate limits of the Municipality, subject to the conditions and regulations of this Ordinance. The right, permission and authority granted by the Municipality to the Grantee by this Franchise may not be exclusive to the Grantee, provided that any other such rights or authority granted by the Municipality may not interfere with the right, permission and authority granted to the Grantee pursuant to this Ordinance.

Section 3: TERM. The Franchise authorized and granted pursuant to this Ordinance shall be for a term of 25 years, commencing on the Effective Date, and expiring on January 1, 2041 ("Term").

Section 4: USE OF PUBLIC RIGHT-OF-WAY. The Grantee shall be authorized to use the Public Right-of-Way for the Gas System and Gas System Work subject to the provisions of this Ordinance, including without limitation the following provisions:

A. General Coordination, Location and Repair. Those portions of the Gas System in the Public Right-of-Way shall be installed and maintained under the general supervision of the Director of Public Works of the Municipality, or other duly authorized agent of the Municipality. The portions of the Gas System within the Public Right-of-Way shall be located as not to injure any drains, sewers, catch basins, water pipes, pavements or other like public improvements. If any drain, sewer, catch basin, water pipe, pavement or other like public improvement is injured by the location of the portions of the Gas System within the Public Right-of-Way, the Grantee shall forthwith repair the damage to the satisfaction of the Municipality and in default thereof the Municipality may repair such damage and charge the cost thereof to, and collect the same from, the Grantee.

B. Compliance with Requirements of Law. The Grantee shall be subject to the specific standards provided in this Ordinance for work in the Public Right-of-Way and with all other Requirements of Law.

C. Conduct of Gas System Work; Restoration. The Grantee will conduct Gas System Work in accordance with the Requirements of Law. The Grantee will undertake to minimize the disturbance or obstruction of the Public Right-of-Way caused by Gas System Work, including, without limitation, having Gas System Work, once started, undertaken and completed without unreasonable delay. The Grantee will promptly restore Public Right-of-Way, as well as any fences, roads, pavements and other improvements in the Public Right-of-Way, disturbed by Gas System Work as nearly as reasonably practicable to its condition immediately before the Gas System Work.

D. Emergencies. In the case of an Emergency, the Grantee will notify the Municipality by the most practical, timely and available means under the circumstances of the Emergency and the conditions that are affecting the Gas System and its customers. Notwithstanding Section 10, the notice will be no more than 24 hours after the Grantee learns of the Emergency, except if notice within 24 hours is not practicable under the circumstances of the Emergency, in which case the Grantee will provide the notice required under this Subsection as soon as is practicable under the circumstances. Each Party will provide the other Party with an Emergency contacts list, including 24-hour contact information for at least two representatives. The Grantee will keep the Municipality apprised of the status of the Emergency to the extent reasonably practicable and will advise the Municipality when the Emergency has been resolved.

E. Coordination Regarding Capital Improvements; System Information. The Grantee and the Municipality believe that it is in their mutual interests to be informed of their respective capital improvement programs, so that whenever practicable those programs can be undertaken to minimize the cost of construction and public inconvenience. To that end, the following provisions apply:

1) Meeting. At Annual Meetings (see Subsection 13.A of this Ordinance), representatives of the Grantee and the Municipality will be prepared to discuss significant known Gas System Work and Municipal projects that could impact the Gas System and that will or may be undertaken within the Municipality.

2) Capital Improvement Plans and General System Information. The Grantee will establish and maintain an information medium ("Information Sharing System"), at no cost to the Municipality, that will provide the Municipality access, on reasonable terms, to information identifying (a) anticipated Gas System Work; (b) Grantee's planned capital improvement plans and major maintenance work related to the Gas System within the Municipality; (c) maps or other documents showing the locations of gas distribution mains in or under Public Right-of-Way within the Municipality; and (d) the status of ongoing Gas System Work and capital improvement plans and major maintenance work related to the Gas System within the Municipality (collectively, "General System Information"). The Grantee reserves the right to modify or replace the Information Sharing System from time to time at its discretion. Absent gross negligence or intentional misconduct by the Grantee, the Grantee shall have no monetary liability to the Municipality due to defects in the design or performance

of the Information Sharing System or errors or omissions in the information disclosed through the Information Sharing System; provided, however, that this sentence does not change the Grantee's obligation under Paragraph 1 of this Subsection and Subsection 13.A of this Ordinance with respect to General System Information. AS part of the Annual Meeting, the Parties may discuss the performance of the Information Sharing System and any adjustments and refinements to the Information Sharing System and, if requested by the Municipality, the Grantee will provide information regarding any update or other operational changes or improvements to the Information Sharing System.

Section 5: CONSIDERATION FOR USE OF PUBLIC RIGHT-OF-WAY

A. Payments; Provision of Gas. The Grantee shall make the Renewal Payment provided in Paragraph 1 of this Subsection and, commencing with calendar year 2016, either (but never both) (i) make the Annual Payments as provided and calculated in Paragraph 2 of this Subsection, or (ii) provide for Unbilled Gas as provided and calculated in Paragraphs 3 of this Subsection. The Municipality shall notify the Grantee in writing within sixty (60) days after the Effective Date whether it has chosen to receive Annual Payments or Unbilled Gas. In the event the Municipality has not notified the Grantee in writing within sixty (60) days after the Effective Date, the Municipality shall be deemed to have chosen to receive Annual Payments as provided and calculated in Paragraph 2 of this Subsection. Upon written notice to Grantee given on or before June 30 of the calendar year preceding the date of change, the Municipality may change the method of compensation from Annual Payments to Unbilled Gas, or vice versa, effective as of January 1 of any or all of the third, sixth, ninth, twelfth, fifteenth, eighteenth, twenty-first, or twenty-fourth calendar year following the Effective Date. In the event the Municipality has not so notified the Grantee of a change in the method of compensation by the applicable June 30, the method of compensation then in effect shall continue and may not be changed by the Municipality during the ensuing three (3) calendar year period.

1) Renewal Payment. Within ninety (90) days after the Effective Date, the Grantee will pay the Municipality, solely as consideration for renewal of the franchise granted under the Previous Agreement, a one-time franchise renewal payment ("Renewal Payment") of \$41,884, being equal to 75 percent of the value of (a) the "Therm Allocation" (as calculated under Paragraph 4 of this Subsection) as of the Effective Date multiplied by (b) the "Gas Cost per Therm" (as calculated under Paragraph 2 of this Subsection).

2) Annual Payment. In January of each year except 2016 and in March of 2016, the Grantee will pay the Municipality an annual payment ("Annual Payment") if the Municipal has chosen or has been deemed to have chosen to receive Annual Payments rather than Unbilled Gas for such calendar year. The amount of each Annual Payment will be calculated by the Grantee by multiplying (a) the "Therm Allocation" (as calculated under Paragraph 4 of this Subsection) times (b) the applicable Gas Cost per Therm. As used herein, the term "Gas Cost

per Therm” means with respect to a calendar year, the sum of (i) the average per therm gas cost for the preceding three (3) calendar years, based on the Grantee’s prudently incurred purchased gas cost; and (ii) the per therm rate for general gas service under the Grantee’s rate structure in effect as of the last day of the preceding calendar year.

3) Unbilled Gas. If the Municipality has chosen to receive Unbilled Gas, the Grantee shall supply, during each billing year (start and finish of each year shall begin and end with regular meter reading date nearest to January 1) that the Municipality’s choice to receive Unbilled Gas remains in effect, without charge to the Municipality, an amount of gas (“Unbilled Gas”) not to exceed the Therm Allocation (as calculated under Paragraph 4 of this Subsection), to be used in buildings which may be occupied from time to time by the Municipality solely for municipal purposes, or such part of these buildings as may from time to time be occupied for ongoing municipal purposes, and not for purposes of revenue.

4) Therm Allocation. For purposes of determining the Annual Payment or the amount of Unbilled Gas under Paragraphs 2 and 3, respectively, of this Subsection, the Therm Allocation will be based on the following formula: 3.6 therms per person up to 10,000 no population; 2.4 therms per person for the next 10,000 of population; 1.2 therm per person for the next 80,000 of population; 1.45 therms per person for the next 20,000 of population; and 1.8 therms per person for the population over 120,000. For puposes of the Therm Allocation, the population of the Municipality as of the Effective Date shall be deemed to be the same as the population of the Municipality at the 2010 decennial census, which was 51,895. This population number will be adjusted by the Grantee based on each decennial census count. Between decennial census counts, the Therm Allocation may be increased prospectively on the basis of changes in population of the Municipality as shown by revised or special census. Upon the submission of a written request by the Municipality accompanied by the official State notification of census change, the Therm Allocation will be adjusted by the Grantee.

B. Limitations on Gas Use. None of Unbilled Gas to be supplied to the Municipality under Paragraph A.3 of this Section, shall be resold by the Municipality for any purpose whatsoever. In the event the Municipality uses less than the amount of Unbilled Gas calculated and authorized under Paragraph A.3 of this Section, there shall be no payment due to the Municipality from the Grantee for gas not used during that billing year, nor shall any such unused therms be carried over for the following billing year’s use.

C. Offset. If the Municipality has chosen or has been deemed to have chosen to receive Annual Payments, the Grantee shall have the right to reduce the Annual Payment for a calendar year by the amount of any fees that the Municipality has been paid by the Grantee during the preceding calendar year for permits, street or parkway openings, or inspections related to the Gas System or Gas System Works. If the Municipality has

chosen to receive Unbilled Gas, the Grantee shall have the right to reduce the Therm Allocation for a billing year by an amount of therms equal to (a) the amount of any fees that the Municipality has been paid by the Grantee during the preceding billing year divided by (b) the Gas Cost per Therm determined for the calendar year that begins with the January 1 nearest to the end of such billing year.

Section 6: ACCOUNTS AND RECORDS. Within ninety (90) days following a written request by the Municipality made no more frequently than once during each calendar year of the Term, the Grantee will provide the Municipality with a written statement showing the gross operating revenue generated during the immediately preceding calendar year by the Grantee from the distribution of gas to customers identified in the Grantee's billing records as located within the corporate limits of the Municipality, which statement will, if requested as part of the Municipality's request, show the distribution of such gross operating revenue among the following categories of users: Residential, Commercial, and Industrial, or by such other categories as may be agreed to by the Grantee and the Municipality.

Section 7: SUBSTITUTION OF MORE FAVORABLE PROVISIONS

A. Amended Ordinance. If during the Term of this Franchise, the Municipality learns of a Grantee franchise ("Grantee Franchise") from any other municipality in Illinois ("Other Franchisor") adopted or otherwise provided by the Other Franchisor after the Effective Date and containing "More Favorable Provisions" (as defined in Subsection C of this Section), then the Municipality may adopt, no sooner than 30 days from the date of providing the notice to the Grantee required pursuant to Subsection B of this Section, an ordinance amending this Ordinance solely to substitute for the provisions of Section 5 of this Ordinance replacement provisions that are substantially identical to the More Favorable Provisions ("Amended Ordinance"). If the Municipality adopts an Amended Ordinance in conformity with this Section 7, the Grantee will accept the Amended Ordinance and execute a Consent Agreement consistent with Section 15 of this Ordinance.

B. Notice. At least 30 days before adopting an Amended Ordinance pursuant to this Section 7, the Municipality shall provide the Grantee with written notice that explicitly (i) states that the Municipality intends to invoke its right under this Section 7 to adopt an Amended Ordinance; (ii) identifies the Other Franchisor; (iii) states the date, time and place of the meeting at which adoption of the Amended Ordinance will be considered; and (iv) includes the Amended Ordinance.

C. More Favorable Provisions. "More Favorable Provisions" means the provisions in a Grantee Franchise (i) establishing the compensation to be paid by the Grantee to the Other Franchisor, including, without limitation, the formulas and procedures utilized to determine the form and amount of such compensation ("Compensation Formulas and Procedures"); and (ii) that the Municipality has reasonably concluded are more advantageous to or protective of the public interest of the Other Franchisor than the existing provisions of Section 5 of this Ordinance are to the Municipality. "More Favorable Provisions" shall not include provisions providing consideration to the Other

Franchisor for franchise renewal (it being understood that the exercise by the Municipality of its right under this Section 7 shall not be deemed a franchise renewal). Replacement provisions in a proposed Amended Ordinance shall not be deemed to be substantially identical to More Favorable Provisions if those replacement provisions do not utilize the Compensation Formulas and Procedures as applied to the Municipality to determine the form and amount of compensation to be paid by the Grantee to the Municipality. The Municipality shall not have the right to invoke this Section solely to effect a change in the form of compensation (between payments or unbilled gas) if that form of compensation had been available to the Municipality to select under Section 5 of this Ordinance, and neither the procedures for changing the form of compensation in Section 5 of this Ordinance nor those in the Compensation Formulas and Procedures would then have permitted the Municipality to make a change in the form of compensation.

D. No Notification Required. Nothing in this Section shall require the Grantee to notify the Municipality of new franchises that the Grantee obtains with other municipalities in Illinois or new provisions within any existing franchise agreements.

Section 8: INDEMNIFICATION

A. Grantee. The Grantee must, and will, fully indemnify the Municipality (but not any other third party) against and from any and all claims, liabilities, actions, damages, judgments, and costs, including without limitation injury or death to any person and damage to any property or Public Right-of-Way and including without limitation attorneys' fees (collectively, "Claims") that the Municipality may incur or suffer, or that may be obtained against the Municipality, as a result of or related to the Grantee's failure to perform any of its obligations under this Ordinance, or the Grantee's negligent, unlawful, or intentional wrongful acts or omissions that relate to (i) the use or occupation by Grantee of the Public Right-of-Way under this Ordinance, or (ii) the construction, operations, maintenance, or repair of the Gas System located within the Public Right-of-Way. The Municipality must give the Grantee written notice within thirty (30) calendar days after the Municipality has received written notice of a Claim. The Municipality may tender to the Grantee the defense of a Claim, in which case the Grantee must defend the Municipality against that Claim, or the Municipality may defend itself against that Claim at the Grantee's expense. The Grantee shall not be required to indemnify, defend, or hold harmless the Municipality for any Claims to the extent the Municipality, its officers, agents, or employees are liable under the laws of the State of Illinois (including for conduct that constitutes gross negligence, malicious or intentional wrongful acts, or the willful misconduct of the Municipality, its officers, agents, or employees while acting on behalf of the Municipality).

B. Municipality.

1) The Municipality must, and will, fully indemnify the Grantee (but not any other third party) against any and all Claims arising as a result of damages to the Grantee's Gas System caused by the conduct of the Municipality, its officers, employees, or agents for which the Municipality is liable under the laws of the

State of Illinois (including for conduct that constitutes gross negligence, malicious or intentional wrongful acts, or the willful misconduct of the Municipality, its officers, agents, or employees while acting on behalf of the Municipality). The Municipality shall not be required to indemnify, defend, or hold harmless the Grantee for any damages to the extent the Grantee, its officers, agents, or employees are liable under the laws of the State of Illinois (including for conduct that constitutes gross negligence, malicious or intentional wrongful acts, or the willful misconduct of the Grantee, its officers, agents, or employees while acting on behalf of the Grantee).

2) The Grantee recognizes the Municipality's right to exercise its police powers over the Public Right-of-Way in case of fire, disaster, or other emergency as reasonably determined by the Municipality. Notwithstanding Paragraph 1 of this Subsection, the Municipality shall not be liable to the Grantee for any damages to the Grantee's Gas System when the damage results from the exercise by the Municipality of its police powers in order to protect the public in case of fire, disaster or other emergency. When practicable, as reasonably determined by the Municipality, the Municipality shall consult with the Grantee prior to the exercise by the Municipality of these police powers, where the exercise may affect the Grantee's Gas System, and to permit the Grantee to take necessary action to protect the public and the Gas System.

Section 9: INSURANCE. If the Grantee's total stockholder equity as determined in accordance with generally accepted accounting principles ("Stockholder Equity") as of the end of its most recently completed fiscal year is less than Fifty Million Dollars (\$50,000,000), the Grantee shall be obligated under this Ordinance to maintain during its current fiscal year, at its sole cost and expense, insurance against the liabilities assumed under this Ordinance consisting of the following coverages at the following minimum limits:

A. Comprehensive General Liability. Comprehensive general liability insurance with coverage written on an "occurrence" or "claims made" basis and with limits no less than: (1) General Aggregate: \$2,000,000; (2) Bodily Injury: \$2,000,000 per person, \$2,000,000 per occurrence; and (3) Property Damage: \$2,000,000 per occurrence. Coverage must include: Premises Operations, Independent Contractors, Personal Injury (with Employment Exclusion deleted), Broad Form Property Damage Endorsement, Blanket Contractual Liability, and bodily injury and property damage. Exclusions "X", "C" and "U" must be deleted. Railroad exclusions must be deleted if any portion of the Gas System Work is within 50 feet of any railroad track. Every employee of the Grantee engaged in Gas System Work within the Municipality must be included as an insured.

B. Comprehensive Motor Vehicle Liability. Comprehensive motor vehicle liability insurance with a combined single limit of liability for bodily injury and property damage of not less than \$2,000,000 for vehicles owned, non-owned, or rented. The coverage required by this subsection shall include bodily injury and property damage for all motor vehicles engaged in Gas System Work within the Municipality that are operated by any employee, subcontractor, or agent of the Grantee.

C. Workers' Compensation. Workers' compensation coverage in accordance with applicable law.

D. General Standards for All Insurance. If obligated under this Section to maintain the foregoing insurance coverages, (i) the Grantee may satisfy that obligation, in whole or in part, through insurance provided by a captive insurance company affiliated with the Grantee to the extent permitted under applicable law if such captive insurance company and the Grantee are both controlled by a company with Stockholder Equity as of the end of its most recently completed fiscal year of at least Fifty Million Dollars (\$50,000,000) or through commercial insurance; (ii) all commercial insurance policies obtained by the Grantee to satisfy such obligation must be written by companies customarily used by public utilities for those purposes, including, if permitted by this Subsection, policies issued by a captive insurance company affiliated with the Grantee; (iii) the Grantee must provide the Municipality, upon request, with reasonable evidence of insurance and with certificates of insurance for commercial coverage designating the Municipality and its officers, boards, commissions, elected officials, agents, and employees as additional insured and demonstrating the Grantee is maintaining the insurance required in this Section; and (iv) each policy shall provide that no change, modification, or cancellation of any insurance coverage required by this Section shall be effective until the expiration of thirty (30) calendar days after written notice to the Municipality of any such change, modification, or cancellation and providing that there is no limitation of liability of the insurance if the Grantee fails to notify the Municipality of a policy cancellation.

Section 10: CURE. In addition to every other right or remedy provided to the Municipality under this Ordinance, if the Grantee fails to comply in a material respect with any of its material obligations under this Ordinance (for reason other than force majeure), then the Municipality may give written notice to the Grantee specifying that failure. The Grantee will have thirty (30) calendar days after the date of its receipt of that written notice to take all necessary steps to cure such material non-compliance, unless the cure cannot reasonably be achieved within thirty (30) calendar days but the Grantee promptly commences the cure and diligently pursues the cure to completion.

Section 11: FORCE MAJEURE. Neither the Grantee nor the Municipality will be held in violation or breach of this Ordinance when a violation or breach occurred or was caused by (a) riot, war, earthquake, flood, terrorism, or other catastrophic act beyond the respective Party's

reasonable control, or (b) governmental, administrative, or judicial order or regulation other than, in the case of the Municipality, an order or regulation issued by the Municipality not in the exercise of its police powers in order to protect the public in the case of fire, disaster or other emergency.

Section 12: NOTICE. With respect to an Emergency, Grantee shall provide notice to the Municipality in accordance with Subsection 4.D of this Ordinance. Any other notice that (a) requires a response or action from the Municipality or the Grantee when a specific time frame, or (b) would trigger a timeline that would affect one or both of the parties' rights under this Ordinance must be made in writing and must be sufficiently given and served on the other party by hand delivery, first class mail, registered or certified, return receipt requested, postage prepaid, or by reputable overnight courier service and addressed as follows:

If to Municipality:

Village Manager
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

If to Grantee:

Northern Illinois Gas Company d/b/a Nicor Gas company
1844 Ferry Road
Naperville, IL 60563
Attn: President

With a copy to:

Northern Illinois Gas Company d/b/a Nicor Gas Company
1844 Ferry Road
Naperville, IL 60563
Attn: Community Relations and Economic Development Department

For other notices regarding the general business between the parties, e-mail messages and facsimiles will be acceptable when addressed to the persons of record specified above.

Section 13: GENERAL PROVISIONS

A. Communications and Annual Meeting

1) General Communications. The Grantee and the Municipality believe that if it is in their mutual interests to maintain consistent and reliable means of communications regarding all matters under this Franchise. Nothing in this Section precludes the parties in any way from conducting meetings and communications not specifically provided in this Section on any other dates and times during the Term as necessary, required, or otherwise desired.

2) Annual Meeting. Except as the Grantee and the Municipality may otherwise agree, upon 45 days prior written notice from the Municipality to the Grantee given no more frequently than once during each calendar year of the Term, the representatives of the Grantee and the Municipality will meet at the offices of the Municipality or another mutually acceptable location ("Annual Meeting").

3) Annual Meeting Matters. At the Annual Meetings, the Parties will review, as necessary, any matters related to this Ordinance and the Franchise as generally identified by the Municipality in its written notice provided pursuant to Paragraph 2 of this Subsection related to (i) the Gas System and Gas System Work; (ii) issues that have arisen since the prior Annual Meeting regarding the Grantee's activities conducted under the authority granted by this Ordinance; (iii) efforts and initiatives by the Grantee or the Municipality, or both, to promote energy efficiency and cost savings related to the use of gas supplied by the Grantee; and (iv) identification of anticipated future capital improvement programs by the Municipality and the Grantee in an effort to coordinate those programs whenever practical in an effort to minimize costs for both the Municipality and the Grantee and to reduce public inconvenience (collectively, "Annual Meeting Matters"). The Grantee's and the Municipality's representatives at Annual Meetings shall include individuals with the knowledge, experience and authority required to address competently and to seek to resolve the Annual Meeting Matters identified from discussion at the Annual Meeting.

4) Good Faith Efforts to Resolve Annual Meeting Matters. The Municipality and the Grantee will constructively discuss the Annual Meeting Matters at the Annual Meetings. The goal of these discussions is to ensure that the Grantee and the Municipality have sufficient information to address and, if possible, resolve the Annual Meeting Matters and the Parties will share information reasonably necessary for those purposes; provided, however, that neither the Grantee nor the Municipality will be required to respond to unduly burdensome information requests or to provide confidential or privileged information to the other party. The parties will work in good faith to resolve Annual Meeting Matters on mutually acceptable terms and to do so within a reasonable period of time. To the extent that resolution of an Annual Meeting Matter is not otherwise provided by the terms of this Franchise, the parties may memorialize their understandings related to resolution of Annual Meeting Matters through memoranda of understanding, supplemental agreements, or other arrangements mutually agreed to.

B. Assignments of Rights by Grantee. All provisions of this Ordinance that are obligatory upon, or which inure to the benefit of, Nicor Gas shall also be obligatory upon and shall inure to the benefit of any and all successors and permitted assigns of Nicor Gas, and the word "Grantee" wherever appearing in this Ordinance shall include and be taken to mean not only Nicor Gas, but also each and all of such successors and permitted assigns. The Grantee may not assign any right it has under this Ordinance without the prior express written authorization of the Municipality by Ordinance or Resolution of the Corporate Authorities. The Municipality will not withhold that authorization if (a) the

Assignee is technically and financially capable of operating and maintaining the Gas System in the reasonable judgment of the Municipality, and (b) the Assignee assumes all of the obligations of the Grantee under this Ordinance except as they may be amended in writing and approved by the Municipality.

C. Entire Agreement; Interpretation. This Ordinance embodies the entire understanding and agreement of the Municipality and the Grantee with respect to the subject matter of this Ordinance and the Franchise. This Ordinance supersedes, cancels, repeals, and shall be in lieu of the Previous Agreement.

D. Governing Law; Venue. This Ordinance has been approved, executed in the State of Illinois, and will be governed in all respects, including validity, interpretation, and effect, and construed in accordance with the laws of the State of Illinois. Any court action against the Municipality may be filed only in Cook County, Illinois, in which the Municipality's principal office is located.

E. Amendments. Except as otherwise provided pursuant to Section 7 of this Ordinance, no provision of this Ordinance may be amended or otherwise modified, in whole or in part, to be contractually binding on Grantee, except by an instrument in writing duly approved and executed by the Municipality and accepted by the Grantee by execution of a Consent Agreement consistent with Section 15 of this Ordinance.

F. No Third-Party Beneficiaries. Nothing in this Ordinance is intended to confer third-party beneficiary status on any person, individual, corporation, or member of the public to enforce the terms of this Ordinance.

G. No Waiver of Rights. Nothing in this Ordinance may be construed as a waiver of any rights, substantive or procedural, the Grantee or the Municipality may have under federal or State of Illinois law unless such waiver is expressly stated in this Ordinance.

Section 14: MUNICIPALITY AUTHORITY RESERVATION. The Municipality reserves, subject to the limitations of applicable federal and State of Illinois laws, (i) its powers necessary or convenient for the conduct of the Municipality's municipal affairs and for the public health, safety and general welfare; and (ii) its right to own and operate a gas utility in competition with the Grantee. Notwithstanding the foregoing, the Municipality will not take any such action that would have the effect of depriving Grantee of the rights, permissions and authorities granted to Grantee under this Ordinance.

Section 15: CONSENT AGREEMENT. Within ninety (90) days after the Effective Date, the Grantee will file with the Municipality a written agreement to accept and comply with the terms of this Ordinance as attached to this Ordinance as Exhibit "A" ("Consent Agreement"), duly executed by authorized representatives of the Grantee. The Grantee's failure to provide the Consent Agreement within ninety (90) days after the Effective Date shall be deemed a rejection of this Ordinance by the Grantee, and the rights and privileges herein granted shall absolutely cease and terminate, unless, within ninety (90) days after the Effective Date, the time period for the Grantee to file the Consent Agreement is extended by the Municipality by Ordinance duly passed for that purpose and the Grantee has agreed in writing to such extension.

Section 16: The Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 17: This Ordinance shall be in full force and effect immediately from and after its passage and approval.

PASSED THIS _____ day of _____, 2016

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

APPROVED THIS _____ DAY OF _____, 2016

Village President

ATTEST:

Village Clerk

Published in pamphlet form this _____ day of _____, 2016.

Village Clerk)
STATE OF ILLINOIS)
COUNTY OF COOK) SS
VILLAGE OF HOFFMAN ESTATES)

I, _____, Village Clerk of the Village of Hoffman Estates, Illinois, do hereby certify that the foregoing is a true and correct copy of an Ordinance duly passed by the Board of Trustees of said Village on the ___ day of _____, 201__, and duly approved by the President of said Village on the ___ day of _____, 20__, the original of which Ordinance is now on file in my office.

I do further certify that I am the legal custodian of all papers, contracts, documents and records of said Village.

WITNESS by hand and the official seal of said Village this __ day of _____, 20__.

VILLAGE CLERK
VILLAGE OF HOFFMAN ESTATES, IL

(SEAL)

Exhibit "A"

CONSENT AGREEMENT

Pursuant to Section 15 of that certain Natural Gas Franchise Ordinance duly passed by the Board of Trustees of the Village of Hoffman Estates (the "Municipality") on _____ and duly approved by the Village President on _____ (the "Ordinance"), a copy of which is attached hereto, Northern Illinois Gas Company d/b/a Nicor Gas Company, an Illinois corporation hereby accepts and agrees to comply with the Ordinance.

NORTHERN ILLINOIS GAS COMPANY D/B/A NICOR GAS COMPANY

By: _____

Name: _____

Title: _____

Date: _____

DEPARTMENT OF PUBLIC WORKS

DECEMBER 2015 MONTHLY REPORT

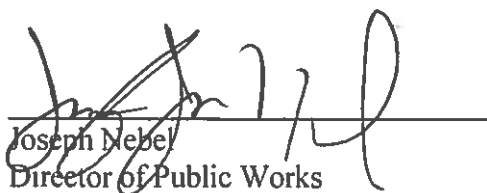
SUBMITTED TO PUBLIC WORKS COMMITTEE

JANUARY 2016

- ADMINISTRATIVE AND TECHNICAL SERVICES
- FACILITIES
- FLEET SERVICES
- STREETS
- WATER AND SEWER

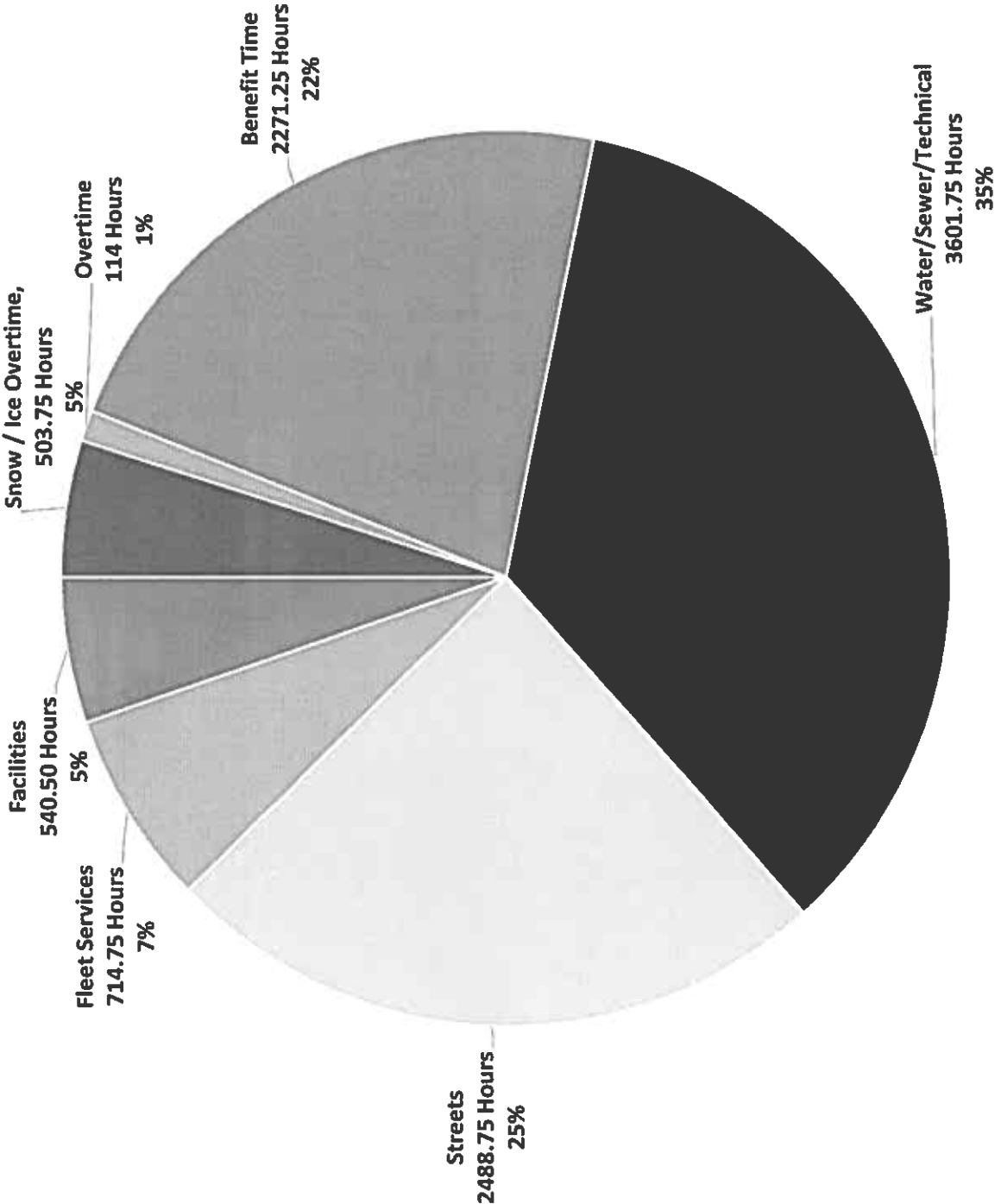


Ken Gomol
Assistant Director of Public Works

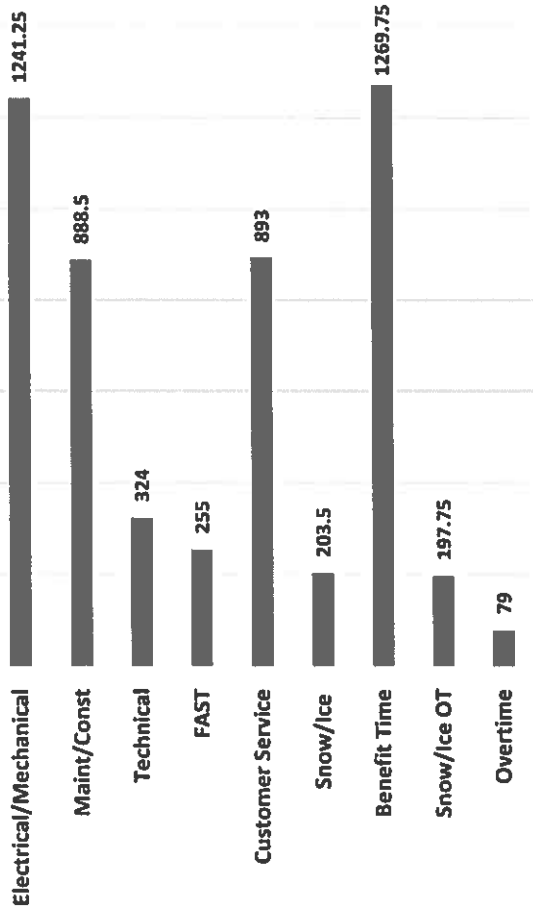


Joseph Nebel
Director of Public Works

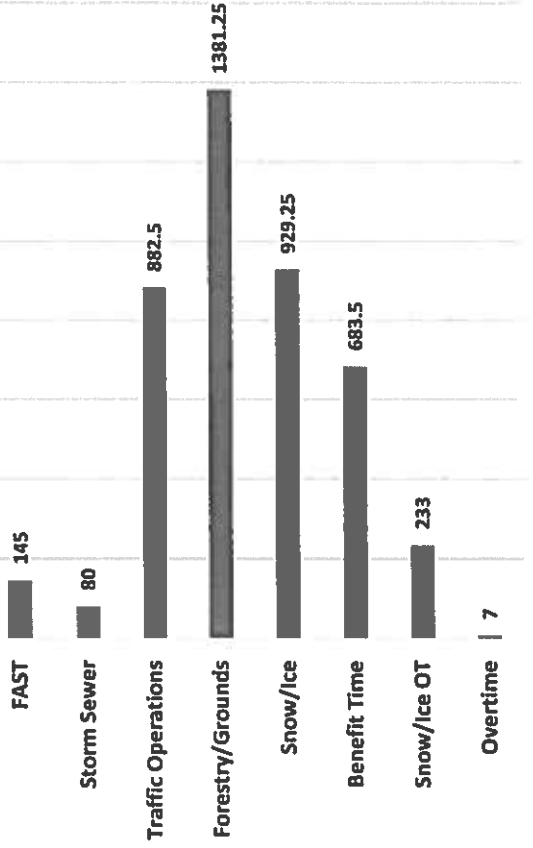
Public Works Department Total Hours December 2015



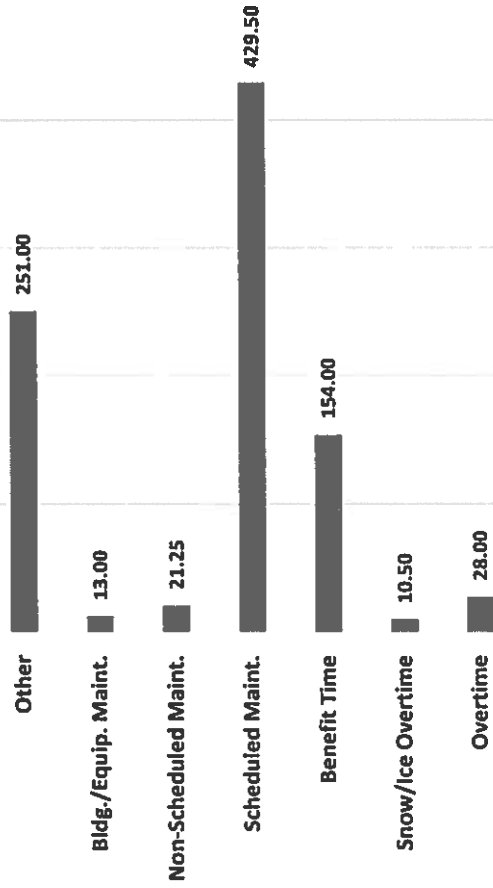
Water Total Hours December 2015



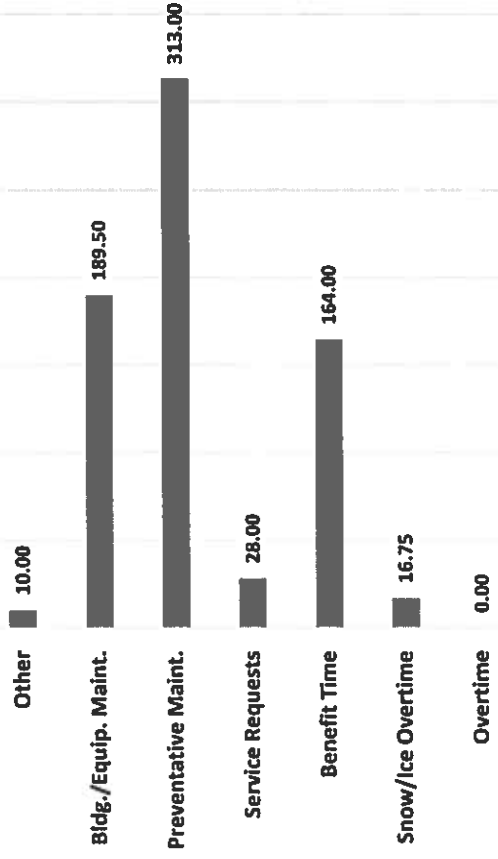
Street Total Hours December 2015



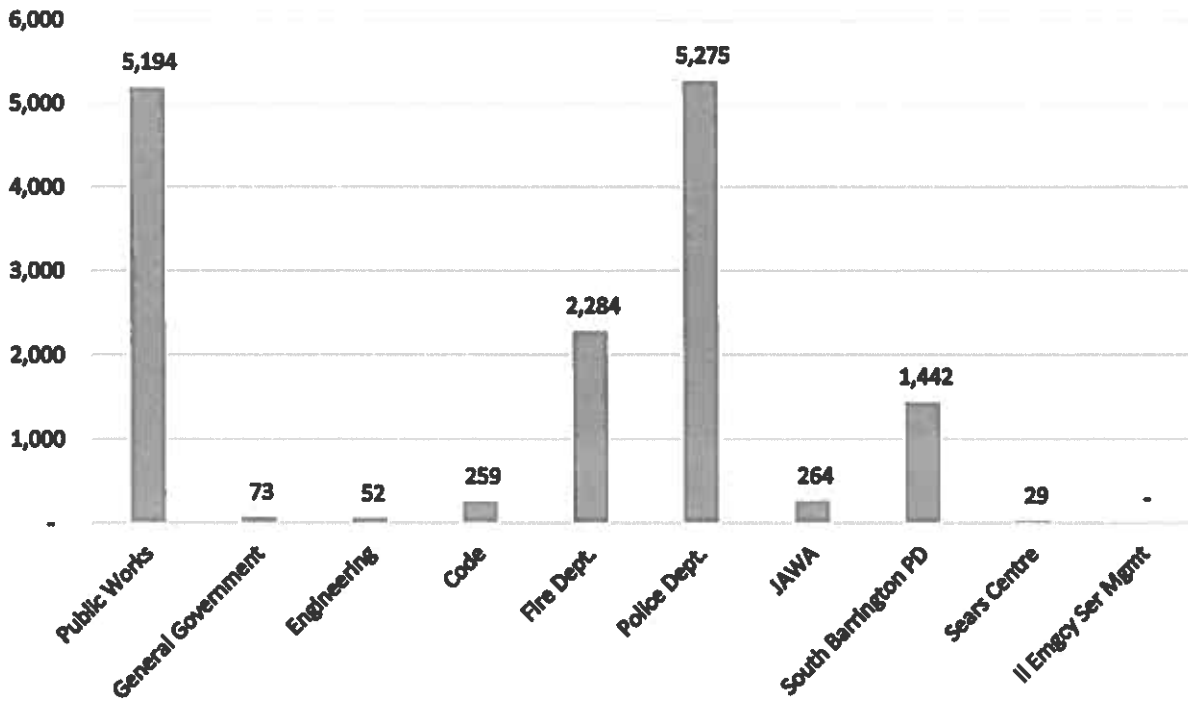
Fleet Total Hours December 2015



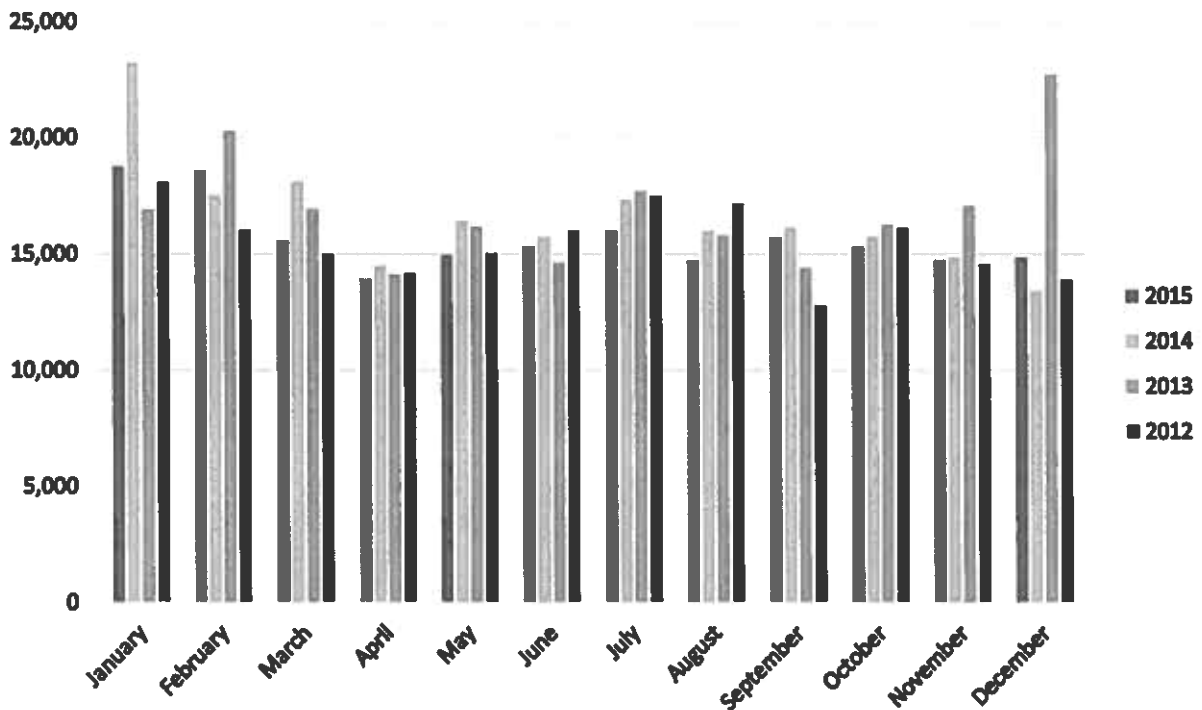
Facilities Total Hours December 2015



December 2015 Fuel Usage by Department / Gallons



Total Fuel Used / Gallons



MAJOR PROJECT STATUS

Tollway Widening Project

The Illinois State Highway Toll Authority's (Tollway) "Move Illinois" project involving bridge work, sound walls, retaining walls and utility relocations for mainline widening is affecting a total of 14 water, sewer and fiber optical lines that cross the I-90 Tollway to provide services to the Village. Some sections are in direct conflict with proposed Tollway work. In order to avoid/eliminate conflicting situations sections of water & sewer mains and fiber optic cables must be relocated and casing pipes for water & sewer mains must be extended. One new crossing of 16" water main is needed in the future. The following is a brief update of what is being done to avoid construction conflicts to the 14 utility lines:

1. 4" fiber optic cable located immediately west of Beverly Road bridge in conflict with new storm sewer both north and south of the Tollway. Public Works is assisting IS in seeking a solution to relocate the cable. RFP is being sent out. Conflict was resolved by splicing the conduit and pulling a few more feet of fiber optical cable to clear off the new storm sewer.
2. 16" water main crossing both Beverly Road and I-90 Tollway in conflict with the bridge and new storm sewer. Design for relocation is complete. IEPA permit has been received. Work is to be included in Tollway construction planned for September 2015. Additional potholes were done and the existing water mains under NICOR gas mains and Beverly Road Bridge were located. The scope of work to resolve conflicts was reduced. The construction of the new 30" storm sewer safely passed the Village's 16" water main with sufficient clearance. 42" casing pipes were extended for the 16" water main crossing at both north and south of the Tollway.
3. JAWA 16" water main crossing I-90 Tollway near Hoffman Blvd (ComEd substation) in conflict with west bound lane. Casing pipe extension in the South is complete. Casing pipe extension to the North is **not needed**.
4. JAWA 12" water main crossing I-90 Tollway under Canadian National Tracks' bridge in conflict with the bridge abutment. The section of the water main is to be relocated. 3 months shut down is planned between June and August. The 12" water main was shut down on May 29 to let the bridge demolition work start. Installation of new replacement 12" water mains was completed with the replacement of JAWA's 12" valve. It was placed in service.
5. National Tracks' bridge is in conflict with the bridge abutment. CCTV inspection of the sewer main both prior to and after the construction is included in the Tollway contract to protect the pipe and all related cost is to be covered by the Tollway. The camera inspection of the sewer prior to the construction indicates the pipe is in good condition. The camera inspection of the sewer after the construction of the bridge abutment found no damage to the pipe.
6. 16" water main crossing both I-90 Tollway and Route 59 exit ramp in conflict with both east and west bound lanes and the exit ramp. Casing pipe extension and bend relocation is necessary. Engineering for corrective work is complete and included in Tollway construction. IEPA permit was issued. Re-grading near the water main at the exit ramp has started. New potholes provided more precise location of the existing water mains and the scope of work for casing pipe extension is changed. Installation of all water main casing pipes and relocation of water mains have been completed. The new water mains are to be placed in service pending completion of water samples and tests.
7. 12" water main crossing I-90 Tollway east of Barrington Road. Tollway engineer revised construction plan and avoided conflict in the north side of the Tollway. Construction of new storm sewer safely crossed Village's water mains. South side still need potholes to positively locate the water main. Conflict is unknown.

8. 4" fiber optic cable located north of the intersection of Stonington and Pembroke Ave. Pothole to locate the cable was not successful. Public Works continues to assist IS to locate the cable. Construction of new storm sewer safely crossed Village's fiber cable. The cable at the south side is in potential conflict with new storm sewer. Corrective work is scheduled in coordination with Tollway storm sewer installation.
9. 12" sanitary sewer force main for Pfizer lift station is near AT&T site. No conflicts have been detected through potholes that require major work **as of December 31, 2015.**
10. 12" water main crossing I-90 Tollway north of the Village Hall. No conflicts have been detected through potholes that require major work **as of December 31, 2015.**
11. 16" transmission water main crossing I-90 Tollway north of the Village Hall in conflict with retaining wall. Design work is complete for temporary solution with interconnect to the 12" water main. Application was submitted for IEPA permit. **A total of 13 bids were received on bid closing date, December 18 and are currently being reviewed by consultant engineers. Construction is to be completed before end of April, 2106.** A future permanent solution is a new crossing under I-90 Tollway.
12. 16" transmission water main crossing I-90 Tollway north of the Eisenhower School for Ela Road water mains. No conflicts have been detected through potholes that requires major work **as of December 31, 2015.**
13. 8" water main crossing I-90 Tollway south of Thomas Engineering site in conflict with retaining wall and proposed JAWA relocation. 8" water main crossing was disconnected, extended and reduced to 4" with a cap to be used as future sewer main at north of the Tollway and casing extension at south of the Tollway is pending approval of IGA with Tollway.
14. 4" sanitary sewer force main for Thomas Lift station south of the Thomas Engineering site in conflict with retaining wall and proposed JAWA relocation. The casing pipe will be extended both north and south of the Tollway as part of the Tollway construction. 30" casing pipe was extended north of the Tollway for protection. Casing extension south of the Tollway is pending approval of IGA with Tollway.

ADMINISTRATIVE AND TECHNICAL SERVICES

1. Participated in weekly site plan review meeting
2. Prepared articles for Citizen
3. Coordinated monthly job code data entry
4. Prepared monthly report charts
5. Coordinated R.O.W. pre-construction meetings
6. Performed parts purchasing for Fleet Services
7. Updated monthly performance measures report
8. Prepared web site updates
9. Attended IS User Group meeting
10. Performed sidewalk inspections
11. Reviewed engineering plans for Golf Rd. McDonalds, Bergman Pointe
12. Updated signs inventory to GIS database
13. Continue to edit intranet maps based on internal requests and normal updates
14. Investigating a possible application to connect network fleet data to GIS
15. Assisted sanitary crew with flow management database
16. Performed bi-weekly sanitary database back-up and antivirus scan
17. Working on publishing "focused" maps within Intranet environment using ArcGIS online
18. Created and printed Silver Maple tree maps for street sweeping areas
19. Researching inspection software for sanitary TV truck
20. Researching asset management software
21. Working on MWRD Compliance Summary Report via GIS data correct and analysis

UTILITY LOCATES TEAM

1. Performed 700 regular priority J.U.L.I.E. utility locates for the month; 10,539 year-to-date
2. Performed 25 emergency priority J.U.L.I.E. utility locates for the month; 468 year-to-date
3. Participated in 3 Utility Joint Meets; 66 year-to-date
4. Performed R.O.W. inspections

STREETS• **F.A.S.T. (Fast Action Service Team)**

1. Responded to 29 requests for the month, 525 year-to-date
2. Assisted meter shop with shut-offs of delinquents meter accounts
3. Performed water bill drop box pick ups
4. Performed mail run duties
5. Performed building maintenance at Fleet Services
6. Performed street light inspections
7. Received deliveries at Susan Kenley-Rupnow Public Works Center
8. Performed tower light inspections
9. Performed monthly maintenance on 5 message boards
10. Assisted with meter appointments
11. Assisted with meter route reading
12. Assisted with routine locates
13. Performed cleaning of Public Works Center floor
14. Assisted with Public Works recycling and battery recycling
15. Performed cleaning of wash bay at Fleet Services
16. Performed site lock ups at Susan Kenley-Rupnow Public Works Center and Fleet Services
17. Performed lamp inspections at Susan Kenley-Rupnow Public Works Center
18. Performed barricade checks and pick ups
19. Repaired floor drain at Fleet building
20. Completed floor drain project at Public Works Center
21. Performed debris pick-up along Higgins Rd
22. Assisted meter division with blowing out b-boxes
23. Performed equipment maintenance on all snow pushers
24. Delivered salt to Sears Centre Arena
25. Assisted with testing water meters
26. Transported scissor lift to other Village buildings as needed
27. Transported vehicles for Safety Lane testing

1	Illegal dump	4	Storm sewers
3	Possible sewer back-up inspections	2	Street signs
2	Possible water leaks	1	Sidewalk deviation
5	Misc. requests	14	Branch pick ups
1	Mailbox repair	1	B-box repairs

- PAVEMENT MAINTENANCE TEAM

1. Repaired potholes at various locations Village-wide
2. Performed scheduled equipment maintenance on Unit #50 and pavement equipment
3. Performed street inspections and inventory for pavement repairs
4. Performed yard maintenance at Fleet Services facility
5. Performed raised pavement marking and delineator repairs at various locations Village-wide
6. Performed pavement equipment maintenance
7. Performed purchasing and budget work for pavement team
8. Assisted Traffic Operations sign team and light team
9. Performed safety coordination of Department Tailgate training, NIMS incident command training, Unit 50 end loader training, Crew Specific Unit 51 training
10. Performed Snow/Ice truck plow maintenance
11. Performed pavement marking inventory Village-wide
12. Performed storm sewer pavement patching at various locations Village-wide
13. Performed curb line asphalt pavement repairs at various locations Village-wide
14. Performed asphalt repairs for water excavations
15. Performed preventative cleaning of inlets
16. Performed storm sewer saw cutting
17. Performed Snow/Ice fence installations at various locations Village-wide
18. Performed large/small plow blade maintenance and repair
19. Participated in Snow/Ice control operations
20. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- SIGNS

1. Assisted with street light repairs
2. Performed sign straightening at various locations Village-wide
3. Performed traffic barricade maintenance
4. Replaced or repaired 6 signs due to wind, vehicle damage or vandalism
5. Assisted with pothole repairs and patching at various locations Village-wide
6. Performed purchasing/pricing of sign maintenance and repair supplies
7. Performed ongoing street sign maintenance log
8. Performed Type I & II Sign Reposting on Lexington Dr.
9. Performed sign straightening at various locations Village-wide
10. Fabricate and install new Village Logo on new flusher truck Unit #67
11. Performed preventative storm sewer inlet cleaning
12. Performed sign clearing at various locations Village-wide
13. Fabricated and assembled (4) retirement signs
14. Assisted light team with seasonal banner change-out
15. Fabricated (4) new Flu Shot signs
16. Fabricated and assembled (9) Christmas tree drop off signs
17. Participated in NIMS incident command training
18. Performed ESDA trailer barricade maintenance
19. Performed debris pick-up at various locations Village-wide
20. Participated in training on proper safety when hooking up asphalt roller to truck
21. Performed Snow/Ice equipment maintenance checks
22. Participated in Snow/Ice control operations
23. Transported vehicles for Safety Lane testing
24. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- **STREET LIGHTS**

1. Responded to 12 resident requests for service repairs; 120 year-to-date
2. Repaired 13 street lights this month in various locations; 298 year-to-date
3. Performed equipment maintenance on Village vehicles
4. Assisted with sign installations at various locations Village-wide
5. Located street light cables for sign installations, storm sewer and water excavations
6. Repaired numerous hand hole covers throughout the Village
7. Attended Public Works in-house training on End Loader and Asphalt Roller
8. Participated in NIMS incident command training
9. Cleared tree branches obstructing street light poles and fixtures Village-wide
10. Performed clean-up and secured site of street light pole knock-down
11. Performed Snow/Ice preparations
12. Performed seasonal banner change-out Village-wide
13. Participated in Snow/Ice control operations
14. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

FORESTRY TEAM

1. Responded to requests for service; 66 for the month; 962 year-to-date
2. Emerald Ash Borer (EAB) Ash tree removals: Confirmed EAB infestation removals (in-house) 283 year-to-date, Contractor Ash tree removals 991 year-to-date, a combined total of 1,274 Ash trees have been removed in 2015
3. Performed routine tree maintenance: brush pick up, tree removals, storm damage clean up, corrective treatment, inspections, and routine tree trimming
4. Performed tree equipment maintenance
5. Performed measurement and logging of daily precipitation
6. Performed contract tree trimming and removal preparations
7. Supervised turf mowing contractor
8. Performed follow-up with restoration contractor
9. Supervised tree planting operations
10. Performed site tree trimming at Sears Centre Arena
11. Performed site trimming and maintenance at various mowing sites
12. Outfitted new and existing large trucks with new side boards
13. Performed inspections on snow fence and made necessary repairs
14. Participated in NIMS incident command training
15. Assisted Fleet Services with vehicle maintenance
16. Assisted Village of Libertyville with brush pick up through mutual aid program
17. Performed equipment maintenance related to Snow/Ice
18. Participated in Snow/Ice control operations
19. Transported vehicles to Safety Lane for testing
20. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center

WATER & SEWER• **STORM SEWER TEAM**

1. Performed monthly lake/creek checks and maintenance
2. Performed vehicle equipment maintenance
3. Performed yard clean-up and maintenance at Fleet Services facility
4. Completed weekly barricade checks
5. Completed creek cleaning on Hassell Rd. creek with Davey Tree
6. Performed checking on flooding along Tollway
7. Performed maps for 54" pipe replacement on Grand Canyon
8. Assisted with Snow/Ice preparation
9. Performed inventory of Units #43 and #61
10. Performed checks of storm sewer wash outs and patched to hold for winter
11. Performed check of Windmere storm sewer line with South Barrington
12. Participated in Snow/Ice control operations
13. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center

• **OPERATIONS TEAM**

1. Collected (60) monthly water samples for bacteriological testing and (7) raw well water samples (5) resident water quality tests
2. Performed weekly well and lift station checks
3. Exercised wells, discharged to waste
4. Collected JAWA and Interzone pump readings
5. Performed monthly sump pump maintenance at all wells, lift stations, towers and JAWA pits
6. Assembled monthly water usage and IEPA water report
7. Performed electrical work and trouble inspections at Village-owned buildings
8. Performed back-up generator maintenance at lift stations, pumping stations, radio system locations and Village-owned buildings
9. Completed year-end Lake Michigan water report for Illinois Department of Natural Resources
10. Monitored water construction and water operating permits, including water pressure tests and bacteriological testing
11. Installed new seal to Pump #1 at Golf lift station
12. Completed monthly check and report on Homeland generators
13. Performed maintenance on Western Development Area lift station up-blast fan
14. Monitored water storage during JAWA construction and upgrades for Tollway project
15. Monitored all tower antenna maintenance and projects
16. Cleaned WDA lift station
17. Replaced discharge valve on WDA lift station pump #3
18. Participated in Snow/Ice Control Operations

- CONSTRUCTION / MAINTENANCE TEAM

1. Performed water and sewer excavation barricade checks at various locations Village-wide
2. Performed clean-up of spoil bins at Fleet Services facility
3. Performed clean-up of spoils at dead end of Pembroke Ave.
4. Performed water/sewer restoration site inspections at various locations Village-wide
5. Performed leak investigation and water main repairs are ongoing at 990 Grand Canyon Pkwy.
6. Performed storm sewer flushing behind Oak Tree Ct.
7. Performed concrete pours at Public Works Center
8. Performed installation of hydrant markers
9. Installed new valve at 990 Grand Canyon
10. Performed repairs or replacement of b-boxes at 1325 Blair Ln., 4601 Mumford Dr., 1445 Westbury Dr., 1320 Rock Cove Ct.
11. Assisted with delinquent water accounts
12. Assisted with floor drain replacement at Public Work Center
13. Assisted contractor with water main repair of 3' of 16" main on Tollway
14. Installed valve box at NTB 2475 Golf Rd.
15. Installed new fire hydrants at 990 Grand Canyon and 254 Poplar Creek Crossing
16. Participated in Snow/Ice Control Operations
17. Transported vehicles to safety lane for testing
18. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- SANITARY SEWER FLOW MANAGEMENT TEAM

1. Flushed 11,170 feet of main sewer lines for the month, 165,240 feet year-to-date
2. Contracted TV inspection 0 feet sanitary sewer for month, combined contractor/PW staff of 26,520 feet for 2015
3. Applied liquid and dry microbe formula for enhancement of wastewater treatment systems
4. Performed equipment maintenance on Units #40
5. Performed maintenance on safety equipment
6. Identified manhole lining failure at 125 Pleasant St.
7. Participated in new Unit 67 set up
8. Participated in NIMS incident command training
9. Performed in-house training of Unit #67 operation
10. Assisted GIS Technician with database corrections
11. Transported vehicles to safety lane for testing
12. Participated in Snow/Ice Control Operations
13. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS

1. Water usage by Unit #66 15,000 gallons for the month; 189,500 gallons year-to-date
2. Performed routine vehicle and equipment maintenance
3. Performed barricade checks at various sites Village-wide
4. Repaired b-boxes at 4601 Mumford Dr., 1445 Westbury Dr., 1935 Governors Ln. and 1320 Rock Cove Ct.
5. Evaluated water leak restoration sites
6. Installed fire hydrant markers in South and West areas
7. Assisted meter shop with delinquent accounts
8. Black dirt and seeded water restoration sites at various locations
9. Performed minor hydrant repairs at Poplar Creek Crossing
10. Participated in Snow/Ice Control Operations

- CUSTOMER SERVICE/METER TEAM/PLUMBERS

1. Performed 83 Water Billing customer service appointments at various locations Village-wide
2. Performed 293 water meter readings related to actual/finals/investigatory concerns generated through the Finance Department
3. Performed inter-office mail delivery services
4. Performed water meter readings for 15,678 billing accounts
5. Performed corrective water meter repairs for 31 service requests
6. Performed delinquent water account duties at 116 locations throughout the Village
7. Performed 3 minor b-box repair
8. Performed 3 final new construction inspection
9. Performed 80 residential cross connection inspections (plumbers)
10. Responded to 7 work requests in October
11. Completed 17 meter change-outs as part of meter change-out program
12. Installed 1 commercial compound meter
13. Performed 15 siding inspections
14. Participated in Snow/Ice Control Operations
15. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending January 22, 2016.

A handwritten signature in blue ink, appearing to read 'AW', is written over a horizontal line.

Alan Wenderski, P.E.
Village Engineer

MISCELLANEOUS

There were no drainage investigations or Engineering permit inspections over the last month, due to the winter weather. Staff inspected several locations for icing complaints. There were three inquiries regarding the flood plain

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2015 Drainage Improvement Project	Project complete on Washington and no other work will occur this year. The 1354 Essex Drive location will be delayed until 2016. Village Project Manager – Alan Wenderski
2015 Street Revitalization Project	All work, including punch list, complete. Landscape restoration inspection for sod / seed growth to be completed in Spring 2016. Village Project Manager – Marty Salerno
2016 Street Revitalization Project	Design work ongoing. Target bid opening scheduled for late April with construction start anticipated for May 2016. Village Project Manager – Marty Salerno
2016 Street Survey Project	Survey work for next year’s street project and other streets is underway. This information is used by the Street Project Team in design and plan preparation. Recent weather has caused slight delays, but all work needed for 2016 streets is expected to be completed by end of January. Village Project Manager – Andy LoBosco
Bode Road Reconstruction	Tree plantings and lighting and signage punch list work remain. Expected to be completed in early Spring 2016. Hancock serving as Phase III engineer. Village Project Manager – Alan Wenderski
Grand Canyon Storm Sewer Project	Kick-off meeting with design engineer (Chastain) held on January 7. Design scheduled for completion by early spring. Construction planned for summer / early fall of 2016. Village Project Manager – Alan Wenderski / Shelley Walenga
Hillcrest/Moon Lake STP Resurfacing Project	Final plan submittal and draft agreement with Engineering Resource Associates (construction inspection) to IDOT by the end of January. Project on schedule for April 22, 2016 IDOT letting. Construction expected to begin by early July 2016. Village Project Manager – Alan Wenderski

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
Storm Sewer Analysis Project	Televising of the large diameter storm sewers for the central area of the Village is ongoing. Televising work scheduled for completion by end of February. Analysis and reporting to be completed by end of March. Village Project Manager – Alan Wenderski / Terry White

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Acura Dealership	Awaiting delivery of pre-cast, expected by mid-February. Site work on hold for winter. Village Project Manager – Terry White
Adesa Auto Auction	Site work on hold for winter. Sanitary sewer connection at Prairie Stone Parkway and Beverly Road complete. Village Project Manager – Terry White
Blackberry Falls II	Building work is ongoing. Utility work ongoing as weather allows. Village Project Manager – Terry White
Burger King Restaurant Higgins and Barrington	Site work complete. Waiting for inspection from MWRD for sewer. Temporary CO expected in early February. Village Project Manager – Terry White
Culvers Prairie Stone	Storm sewer and water main complete. Sanitary sewer work on hold due to weather. Building work ongoing. Village Project Manager – Terry White
Duluth Trading Prairie Stone	Preconstruction meeting held January 14. MWRD permit approved as of December 29, 2015. Foundation work ongoing. Site utilities work expected to begin as soon as weather allows. Village Project Manager – Terry White
Main Event Prairie Stone	Underground utility work is ongoing as weather allows. Village Project Manager – Terry White
McDonalds Restaurant Myoda Building	A proposed McDonalds at the old Myoda building in the Golf Center Shopping Center is expected to begin in 2016. Comments have been submitted. Demolition to start soon. Village Project Manager – Alan Wenderski
McDonalds Restaurant Barrington Square	New McDonalds restaurant to replace existing McDonalds in Barrington Square. Work expected to begin in Spring 2016. Village Project Manager – Alan Wenderski
McDonalds Restaurant Golf Road	Proposed drive-thru improvement. Comments have been submitted. Village Project Manager – Alan Wenderski

Poplar Creek Crossing Lot 4	Punch list items remain. Awaiting inspection from MWRD. Temporary CO expected in February. Village Project Manager – Terry White
Shree Jalaram Mandir Church	Waiting for MWRD storm water sign-off. Temporary CO expected shortly. Village Project Manager – Terry White
Trumpf Central Road (West of DMG Mori USA)	Mass grading work approved. Still awaiting new submittal from final plan comments and solution for path construction. Village Project Manager – Terry White
Wendy's Golf Center	MWRD permit has been approved. Work to begin in Spring 2016. Village Project Manager – Alan Wenderski

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Bergman Pointe Subdivision	Earthwork and Phase One roads and utilities are complete and tested. Private utility companies are onsite. Ela Road work is complete. Left turn lane on Algonquin Road to begin in Spring 2016. Village Project Manager – Terry White
Bradwell Subdivision	Temporary certificates of occupancy are being issued for the completed houses. All utilities are complete along with testing. Road construction complete to surface asphalt level. We expect to begin acceptance process in Spring 2016. Village Project Manager – Terry White