

**AGENDA**  
**PUBLIC WORKS & UTILITIES COMMITTEE**  
**Village of Hoffman Estates**  
**June 24, 2019**

**7:00 pm - Board Room**

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

- I. Roll Call**
- II. Approval of Minutes – June 3, 2019**

**NEW BUSINESS**

1. Request authorization to waive bidding and purchase two portable message boards through Tapco Inc. Brown Deer, WI, using the U.S. Communities contract discount, in an amount not to exceed \$34,863.71.
2. Request approval to waive bidding and utilize the ezIQC Lake County Cooperative to enter into a contract with Leopardo Construction to design/build a storage building on the Sears Centre site in an amount not to exceed \$890,000.

**REPORTS (INFORMATION ONLY)**

1. Department of Public Works Monthly Report
2. Department of Development Services Monthly Engineering Report of the Transportation and Engineering Division

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

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

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

**PUBLIC WORKS & UTILITIES COMMITTEE  
MEETING MINUTES**

**June 3, 2019**

**I. Roll call**

**Members in Attendance:**

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

**Management Team Members  
in Attendance:**

**Dan O'Malley, Deputy Village Manager  
Art Janura, Corporation Counsel  
Mark Koplín, Asst. Vlg. Mgr.-Dev. Services  
Peter Gugliotta, Director of Planning  
Alan Wenderski, Village Engineer  
Ted Bos, Police Chief  
Kathryn Cawley, Assistant Police Chief  
Pat Fortunato, Fire Chief  
Rachel Musiala, Finance Director  
Patrick Seger, Director of HRM  
Audra Marks, Asst. Director of HHS  
Fred Besenhoffer, Director of IS  
Kelly Kerr, Asst. Director of Public Works  
Patti Cross, Asst. Corporation Counsel  
Bev Romanoff, Village Clerk  
Suzanne Ostrovsky, Asst. to Village Mgr.**

The Public Works & Utilities Committee meeting was called to order at 7:01 p.m.

**II. Approval of Minutes**

Motion by Trustee Gaeta, seconded by Trustee Pilafas to approve the minutes of the Public Works & Utilities Committee meeting of April 22, 2019. Voice vote taken. All ayes. Motion carried.

**NEW BUSINESS**

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

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

Motion by Trustee Gaeta, seconded by Trustee Stanton, to authorize Village to participate in the Northwest Municipal Conference Suburban Purchasing Cooperative for a one-year contract with Gas Depot, Morton Grove, IL, for joint purchase of diesel fuel and gasoline. Voice vote taken. All ayes. Motion carried.

2. **Request authorization to extend 2017 contract for 2019 valve assessment program with concurrent leak survey to ME Simpson Co., Valparaiso, IN (sole qualified proposal), in an amount not to exceed \$44,400.**

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

Motion by Trustee Gaeta, seconded by Trustee Arnet, to extend 2017 contract for 2019 valve assessment program with concurrent leak survey to ME Simpson Co., Valparaiso, IN (sole qualified proposal) in an amount not to exceed \$44,400. Voice vote taken. All ayes. Motion carried.

3. **Request authorization to enter into a no-cost contract with Simple Recycling for curbside recycling of textiles and small home goods.**

An item summary sheet from Suzanne Ostrovsky was presented to Committee.

Suzanne Ostrovsky addressed the Committee and stated that service was recommended by the Sustainability Commission. Simple Recycling collects textiles and other household goods to be recycled at no cost to the Village or its residents. They will collect clothes, toys, small electronics, etc. Groot is supportive of this program and will provide Simple Recycling with current pickup routes and direct Groot drives to cleave the Simple Recycling bags at the curb for the separate collection.

Mr. Wise with Simple Recycling addressed the Committee and showed a sample bag with is approximately 33 gallons and will provide residents with replacement bags each time a bag is put at the curb.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to enter into a no-cost contract with Simple Recycling for curbside recycling of textiles and small home goods. Voice vote taken. All ayes. Motion carried.

### **REPORTS (INFORMATION ONLY)**

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

The Public Works Monthly Report was received and filed.

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

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

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

Motion by Trustee Gaeta, seconded by Trustee Arnet, to adjourn the meeting at 7:14 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

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Debbie Schoop, Executive Assistant

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Date

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request authorization to waive bidding and purchase two portable message boards through Tapco Inc. Brown Deer, WI, using the U.S. Communities contract discount, in an amount not to exceed \$34,863.71.

**MEETING DATE:** June 24, 2019

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel, Director of Public Works

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**PURPOSE:** To request authorization to waive bidding and purchase budget allocated replacement portable message boards for Public Works/Community Development use.

**BACKGROUND:** Included within the 2019 budget is a \$40,000 allocation (account # 37000025-4602) to purchase replacement portable message boards. These portable message boards are replacing one thirteen year old and one twelve year old portable message board. The village currently owns five portable message boards that are used to inform motorists of road construction, village events, and other public safety information. The CIP calls for the replacement of two portable message boards for this year and two next year. Purchasing through the U.S Communities contract gives the village considerable cost savings.

**FINANCIAL IMPACT:** A total of \$40,000 is budgeted for the purchase of these pieces of equipment. Purchasing the items from the U.S Communities participating vendor at a cost of \$34,863.71 would result in a positive balance of \$5,136.29.

**RECOMMENDATION:** Request authorization to waive bidding and purchase two portable message boards through Tapco Inc. Brown Deer, WI, using the U.S. Communities contract discount, in an amount not to exceed \$34,863.71.



**SALES QUOTE**

5100 West Brown Deer Road • Brown Deer, WI 53223  
 Phone (800) 236-0112 • tapconet.com • Fax (800) 444-0331

**Customer Copy**

Number	<b>Q1904505</b>
Date	6/17/2019
Page	1

Sell To Cust. C8350	Village of Hoffman Estates Aaron Howe 1900 Hassell Rd. Hoffman Estates, IL 60169 USA	Ship To Cust.	Village of Hoffman Estates 1900 Hassell Rd. Hoffman Estates, IL 60169 USA		
Customer PO #	Expires	Slsp	Terms	Freight	Ship Via
	7/17/2019	Richard Brown	Net 30 DAYS	PREPAID	BEST RATE

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>UM</u>	<u>Price</u>	<u>Extension</u>
1415-30000	Solar Message Board, 48"H x 96"W, Basic Model	1	EA	14,962.50	\$14,962.50
1415-05330	SMC 4000 Mini Message Center Trailer, 850 lbs	1	EA	19,283.71	\$19,283.71
129831	Solar Message Center, Three Line Text Only Board 70"H x 127" W, SMC 1000 ST	2	EA	308.75	\$617.50
	SolarVision - Remote Programming Service - Contractor Grade, Web-based Annual Service				

TAPCO OMNIA Partners Contract # 2013-100

Thank you! - Rich Brown  
 #414-292-6606  
 richard.brown@tapconet.com

\*\*Includes Shipping\*\*

Shipment within \_\_\_\_\_  
 Acceptance By \_\_\_\_\_  
 Date \_\_\_\_\_  
 By \_\_\_\_\_

Merchandise	Freight	Tax	Total
\$34,863.71	\$0.00	\$0.00	\$34,863.71

For terms and conditions, please visit: <http://www.tapconet.com/terms-and-conditions>

**COMMITTEE AGENDA ITEM  
VILLAGE OF HOFFMAN ESTATES**

**SUBJECT:** Request approval to waive bidding and utilize the ezIQC Lake County Cooperative to enter into a contract with Leopardo Construction to design/build a storage building on the Sears Centre site in an amount not to exceed \$890,000.

**MEETING DATE:** June 24, 2019

**COMMITTEE:** Public Works & Utilities

**FROM:** Joseph Nebel/Paul Petrenko/Mark Koplin

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**PURPOSE:** Request approval to waive bidding and utilize the ezIQC Lake County Cooperative and enter into a contract with Leopardo Construction to design/build a storage building on the Sears Centre site.

**BACKGROUND:** Currently, Public Works and the Sears Centre use old Fire Station 24 to store various equipment and other materials. W-T Group purchased the Fire Station in early April, and the Village has a lease to continue storing items in half of the bay area for 6 months, with the potential to extend beyond that date, if necessary. Funds for design and construction of an approximately 6,000 square foot storage building on the Sears Center site to be jointly used by Public Works and the Sears Centre were included in the 2019 Prairie Stone Capital Funds (27000025-4621 - \$112,500 for Design, \$750,000 for Construction).

Job Order Contracting (JOC) is a procurement process that helps facility owners' complete repairs, renovations, and new construction projects with a single competitively-bid contract. The Village Board previously authorized the Public Works Department to use it on the Fire Station #24 parapet repairs/masonry work. Our experience was very successful and it was apparent that the Joint Order Contracting process provides a quick and cost effective method to accomplish uncomplicated construction projects

**BACKGROUND: (Continued)**

The Village has utilized various purchasing consortiums for years to purchase equipment. The ezIQC Cooperative process is essentially a purchasing consortium for construction services rather than equipment.

The option that staff recommends to have designed and developed is an insulated steel structure with a stylish split face masonry block exterior. Should the Committee approve the JOC process, staff will negotiate the design elements and scope and develop a contract for the Mayor's signature with Leopardo in an amount not to exceed the available budget (\$890,000).

**FINANCIAL IMPACT:**

The 2019 CIP includes \$112,500 for Design and \$750,000 for Construction for the storage building. Proceeds from the sale of old Fire station 24 (\$890,000 available) can be used for a portion of the storage building, along with General Fund - Fund Balance. The funding sources will be proportionate to the usage by Public Works (predominant) and the Arena.

**RECOMMENDATION:**

Request approval to:

- a) waive bidding and utilize the ezIQC Lake County Cooperative; and
- b) enter into a contract with Leopardo Construction to design/build a storage building on the Sears Centre site in an amount not to exceed \$890,000.

Attachment

cc: Ben Gibbs (Spectra)



## ezIQ Cooperative Purchasing Networks

Traditional construction procurement methods can be a lengthy and costly process. Gordian's ezIQ solution establishes local, competitively-bid prices upfront and eliminates the need to bid each project separately. When you need to get repairs, renovations, upgrades or even new construction underway quickly, ezIQ, available through cooperative purchasing networks, allows you to access competitively awarded contractors to get started on your project immediately. With ezIQ, you can avoid the red tape of traditional procurement, issue POs in days and still satisfy your local competitive bidding requirements.

### Features

- Immediate access to local, competitively awarded construction contracts
- Expert review of Price Proposal
- Assistance with scope of work development
- Streamlined change order process
- Readily available pre-qualified contractors
- Simple project initiation
- Preset construction pricing

### Benefits

- Time savings
- Price certainty
- Reduced procurement and administrative costs
- Price Proposal accuracy
- Increased cost control
- Higher quality of work

### A smart alternative for your construction project

ezIQ is the easy and intelligent way to buy construction services at competitive prices. Take advantage of cooperative volume discounts from contracts that have already been competitively awarded. With access to local contractors through cooperative purchasing networks, you can trade the time and expense of traditional procurement for speed, efficiency and the power of group buying.

Our team of expert field personnel will guide you through each step of the ezIQ process, providing oversight to ensure cost and timing efficiencies are maximized right from the start.

#### Get Started

- 1 | Go to [ezIQ.com](https://eziq.com)
- 2 | Enter your contact information and brief project description
- 3 | We will contact you and walk you through the process



**A simple process**

**1. Joint Scope Meeting:** Once project information is received, we will contact you to schedule a Joint Scope Meeting at the project site to help you and the contractor agree on the details of the work to be performed. This meeting allows the contractor to inspect the site and ask questions before submitting a Price Proposal, helping to eliminate the misunderstandings and mistakes that lead to most change orders. This upfront, open communication invites suggestions for value engineering and often results in more cost-effective, collaborative solutions.

**2. Detailed Scope of Work:** We'll help you prepare a Detailed Scope of Work that describes the work the contractor will perform. The Detailed Scope of Work will be sent along with the Request for Proposal to the ezIQC contractor.

**3. Price Proposal:** Next, the contractor prepares a Price Proposal by selecting the appropriate tasks from Gordian's Construction Task Catalog®. Cost is determined through this straightforward equation:

$$\text{Task unit price} \times \text{the required quantities} \times \text{the contractor's competitively-bid adjustment factor}$$

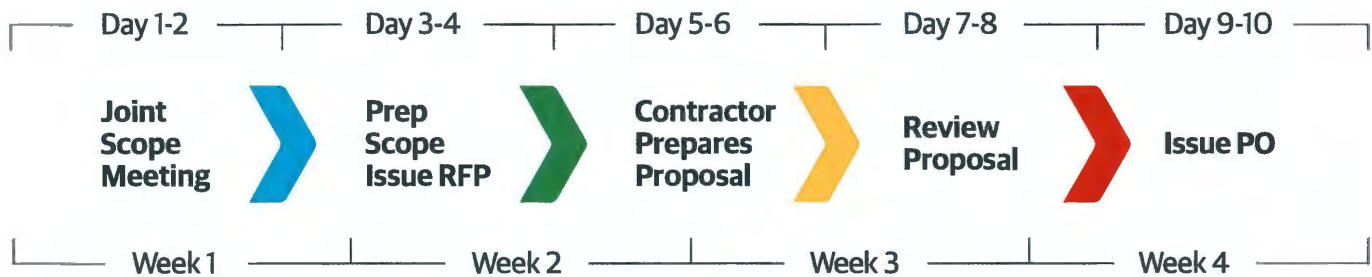
The contractor submits the Price Proposal along with a construction schedule and a list of proposed local subcontractors.

**4. Price Proposal Review:** Our seasoned field personnel will review the Price Proposal to make sure the contractor has selected the appropriate tasks and quantities and will ask the contractor to make any required changes. Only then will the Price Proposal be submitted for your final review.

**5. Purchase Order:** When you are 100 percent satisfied with the Price Proposal, construction schedule and proposed subcontractors, you can ask the contractor to submit any required payment and performance bonds and certificates of insurance on your standard forms. If the bonds and insurance are acceptable, you simply issue a purchase order for the contractor to proceed. The construction is now ready to begin in a fraction of the time that you normally spend to procure a project.

**6. Construction:** Site inspections and construction management follow your standard process. When necessary changes arise, you have the flexibility to change the scope of work with ezIQC. Extra work and changes are priced using the preset unit prices in the Construction Task Catalog for your specific area. There is no need to negotiate change orders. Contractors are motivated to provide a high quality project, as the opportunity for future work is tied to their current performance.

**5-10 Working Days: Small, Straightforward Project**



**30 Days: Larger, More Complex Project**

OPTION#1A- Ground Face Block						
Hoffman Storage Building- OPTION - 60*100 - 16 ft H						
	GSF	6000				
Item	Trade	Qty	Unit	Unit cost	Total	Notes
1	Survey		SF		INC. BELOW	
2	Demo of existing Parking lot		SF		INC. BELOW	
3	Re working curbs and gutters		SF		INC. BELOW	
4	Landscaping allowance		SF		INC. BELOW	
5	Utilities reworking allowance		SF		INC. BELOW	
6	New utilities ( water , electric)		SF		INC. BELOW	
7	Gas By Gas company		SF		INC. BELOW	
8	Asphalt rework / stripping		SF		INC. BELOW	
9	Allowance for Site Utilities	1	allow	\$ 100,000	\$ 100,000	
10	New Side walk ( all four sides )	1200	SF	\$ 6	\$ 7,200	
11	Excavation (2 Ft ) for building pad	444	CY	\$ 40	\$ 17,778	Clean soil
12	Spread footing	23.7	CY	\$ 450	\$ 10,667	
12	Stone for slab	111	CY	\$ 42	\$ 4,667	
13	Concrete slab 8" reinforcement	6000	SF	\$ 9	\$ 54,000	
14	Steel Structure	24	Ton	\$ 4,500	\$ 108,000	\$ 18
15	Split Face Block	4720	SF	\$ 26	\$ 122,720	
16	Face brick air barrier , ridgid insulation	4720	SF	\$ 36	NA	
17	Two men Doors		SF		\$ -	
18	Over Head doors qty -4 - 12 height	4	EA	\$ 8,000	\$ 32,000	
19	Man doors - qty-2	2	EA	\$ 1,000	\$ 2,000	
20			SF		\$ -	
21	Roof	6000	SF	\$ 10	\$ 60,000	
22	Bathroom Architectural	1	allow	\$ 35,000	\$ 35,000	
23	Misc. Cost ( Fire caulk , rough carpentry etc.)	6000	SF	\$ 2	\$ 12,000	
24	Chain Link fence partition inside	160	LF	\$ 25	\$ 4,000	
25			SF		\$ -	
26			SF		\$ -	
27			SF		\$ -	
28	Sprinkler System- Dry System	6000	SF	\$ 3	\$ 18,000	
29	Plumbing - Bathroom	6000	SF	\$ 6	\$ 36,000	Scuppers, No roof Drain , Unisex bathroom , trench drain
30	HVAC	6000	SF	\$ 3.0	\$ 18,000	Unit heaters ( electric )
31	Electrical	6000	SF	\$ 10	\$ 60,000	
32	Sub Total				\$ 702,031	
33	Contingency	5%			\$ 35,102	
34	GC's Fee, Markups & Insurance	9%			\$ 67,079	
34	Design Fee	8%			\$ 64,337	
	<b>Total</b>				<b>\$ 833,447</b>	
	GSF-				\$ 138.91	

Window Option				
Window Option ( 3x4) fix glass	20	EA	\$ 1,200	\$ 24,000
Lintel	20	EA	\$ 150	\$ 3,000
Markups	9%			\$ 2,457
				\$ 29,457
Price with Option				\$ 862,904

Gordian Fee 6% w/o options	\$ 50,007
Total w/o options	\$ 883,454
Gordian Fee 6% with options	\$ 51,774
Total with options	\$ 914,678



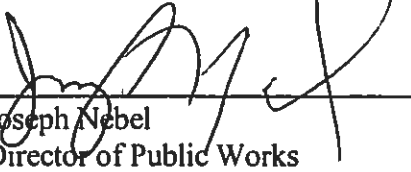
# VILLAGE OF HOFFMAN ESTATES

## DEPARTMENT OF PUBLIC WORKS

### May 2019 MONTHLY REPORT

SUBMITTED TO: Public Works Committee

June 2019

  
Joseph Nebel  
Director of Public Works

  
Kelly Kerr  
Assistant Director of Public Works

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### MAJOR PROJECT STATUS

#### MWRD IICP Engineering

On July 2, 2018 the Village Board approved a contract with Baxter & Woodman Consulting Engineers for engineering and field services required for compliance with MWRD' Infiltration/Inflow Control Program (IICP). The services will cover the following areas:

1. Conduct a prioritized condition assessment of high risk public sanitary sewer system infrastructure through various inspection and testing methods.
2. Begin rehabilitation of major defects within three years of identification.
3. Utilize inspections to catalog illegal connections in high risk areas for disconnection in Private Sector Program (PSP).
4. Develop and implement a Private Sector Program (PSP).
5. Develop and submit annual reports under the Short Term Requirements and Long Term Operation and Maintenance Program (LTOMP)

Project Kick off meeting was held on August 8, 2018 to plan for the immediate task of smoke testing all sanitary sewers in high risk areas, which was completed in October, 2018 and covered all High Risk Areas (12 sub-basins with a total of 133,133 feet of sewer mains) per MWRD standards. Review of the final report is completed and 4 areas have been identified for further dye water testing to determine point of source of infiltration and inflow into the sanitary sewer system. Camera inspection of remaining 173 manholes. By the end of May 2019, all manholes in High Risk Areas is complete inspection is complete. Plans are being prepared for dye water testing in June to locate point sources of infiltration and inflow. Annual compliance report to MWRD is complete. Staff is preparing a list of critical sewer repairs to be accomplished in 2019. Documents for the Private Sector Program (PSP) and the Long Term Operation and Maintenance Program (LTOMP) is finished for staff's review and approval to meet MWRD's requirements.

## Administration

- Public Works staff attended the 2019 APWA Chicago Metro Expo and Conference in Villa Park, Illinois. At the conference, Art Beese (M-I Forestry) and John Cosgriff (M-I Maintenance and Construction) competed in the front-end loader obstacle course, Tyler Wintz and Casey Wintz (M-II Customer Service and M-I Traffic Operations, respectively) competed in the snow plow rodeo obstacle course, and Chris Gatts (M-II Maintenance and Construction) and Julio Salas (M-I Maintenance and Construction) competed in the backhoe competition.

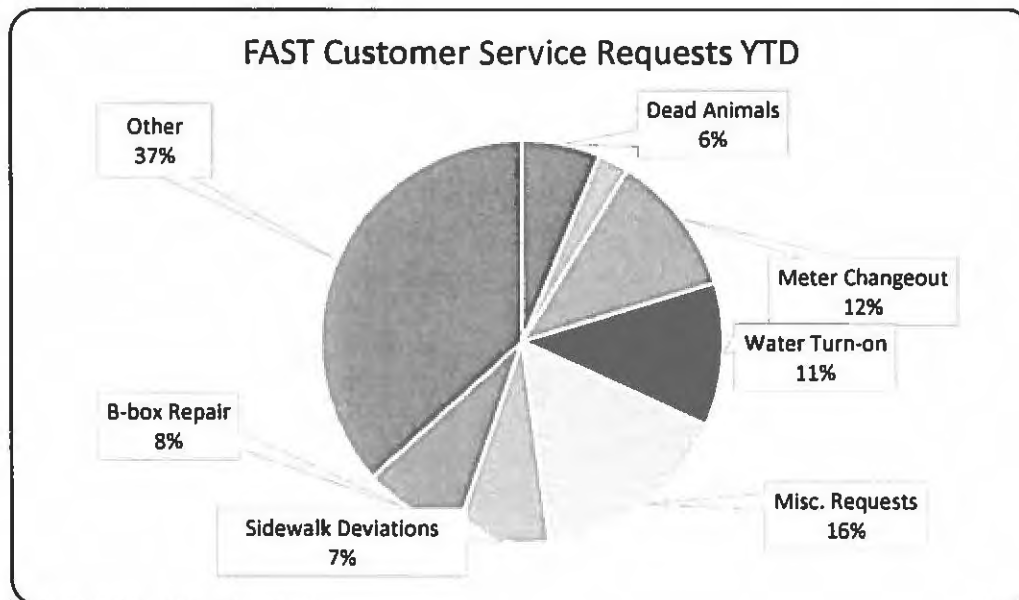
Congratulations to Chris Gatts (3<sup>rd</sup> Place) and Art Beese (6<sup>th</sup> Place) on their excellent performances, and thank you to all Department participants.

## Customer Services

### Fast Action Service Team (FAST):

- Completed snow and ice related mailbox replacements.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
116	106	159	206	210								797



### Customer Service Team:

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
40	45	63	56	68								272
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
233	411	296	349	280								1569

Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
139	106	115	107	88								555
New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8	6	4	4	5								27
Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	34	32	21	43								149
Siding Permit Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0	0								0
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	2	4	1	0								7
MIU Installations/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
16	15	43	18	15								107

**Utility Locates Team:**

1. Continued program to locate b-boxes not currently located within system;
2. Provided locates for MCI direction boring project along Beverly Road under the tollway;
3. Assisted with locates for the 2019 road reconstruction program.

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
176	172	677	800	889								2714
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
9	14	23	42	47								135
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	3	6	5	7								25

**Facilities**

1. Coordinated water shut-off at Village Hall for service line repair;
2. Replaced overhead door springs at Public Works Center;
3. Performed fire alarm, sprinkler, and pre-action systems at all Village facilities;
4. Installed current sensor on all cooling tower pumps.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
98	102	112	116	106								534

## Fleet Services

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	22	22	29	27								119
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	3	2	4	3								15

## Forestry

1. Assisted Engineering with tree removal;
2. Continued spring brush collection program;
3. Planted annuals at Village Hall.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11	9	20	28	66								134

## Maintenance & Construction

### Storm Sewer Team:

1. Installed 72' of drain tile at Arlington and Ashland;
2. Assisted with contractor beaver trapping at Shoe Factory Road;
3. Repaired Georgetown Lane retention area outflow pipe;
4. Pumped Highpoint pond after flooding events;
5. Cleaned Police Department detention area outflow pipes.

Storm Sewer Team												
Feet of Storm Sewer Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2,390	1,940	2,907	970	540								8,747
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	4	4								8

### Construction/Maintenance Team:

- 1) Performed in-house leak detection with Gutermann equipment;
- 2) Constructed valve shelving in Parcel A storage facility;
- 3) Performed contractor oversight for water main replacement in Parcel A;
- 4) Repaired 16" water main on Huntington Boulevard in two locations.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	4	9	4	3								21
Hydrant Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	0	2	1								4
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	2	1	2								7
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	3	4	3	2								14

## Traffic Operations

### Pavement Maintenance Team:

1. Coordinated monthly tailgate, JSA, trench shoring, confined space, fall protection, and audiogram testing;
2. Conducted hot patch asphalt repairs at water excavation sites.

Pavement Maintenance Team												
Tons of Hot Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0.0	0.0	0.0	14.0	29.0								43.0
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
7.0	19.5	14.5	5.5	40.0								86.5

### Sign Team:

1. Performed type-II street name sign replacement on Fairmont Road;
2. Assisted Pavement Team with hot patching at various locations.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
20	12	24	14	11								81
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
40	100	167	150	80								537

### Street Light Team:

1. Performed cleanup and secured the site of (2) street light knock-downs;
2. Installed light fixture at 95 Aster Lane;
3. Located street light cables at Sears Centre Arena parking lot;
4. Installed Fishing Derby banners.



Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
13	7	12	6	6								44
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
27	18	31	15	40								131

## Water Operations

### Operations Team:

1. Began installation of shutoff and bypass valves at Moon Lake lift station;
2. Continued valve exercising program;
3. Flushed JAWA pits;
4. Replaced floats and transducers at Park lift station;
5. Performed maintenance and activated WDA blast fan.

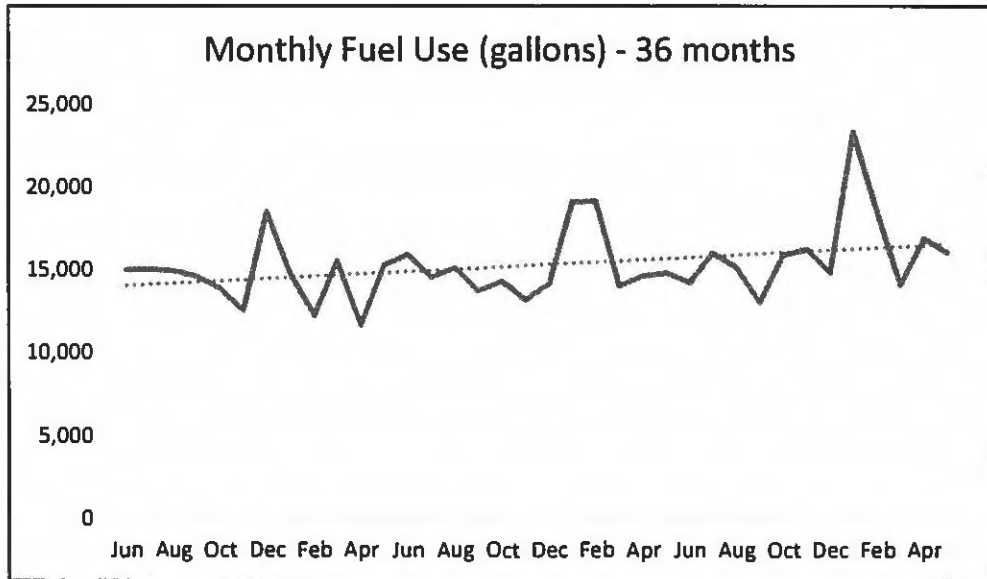
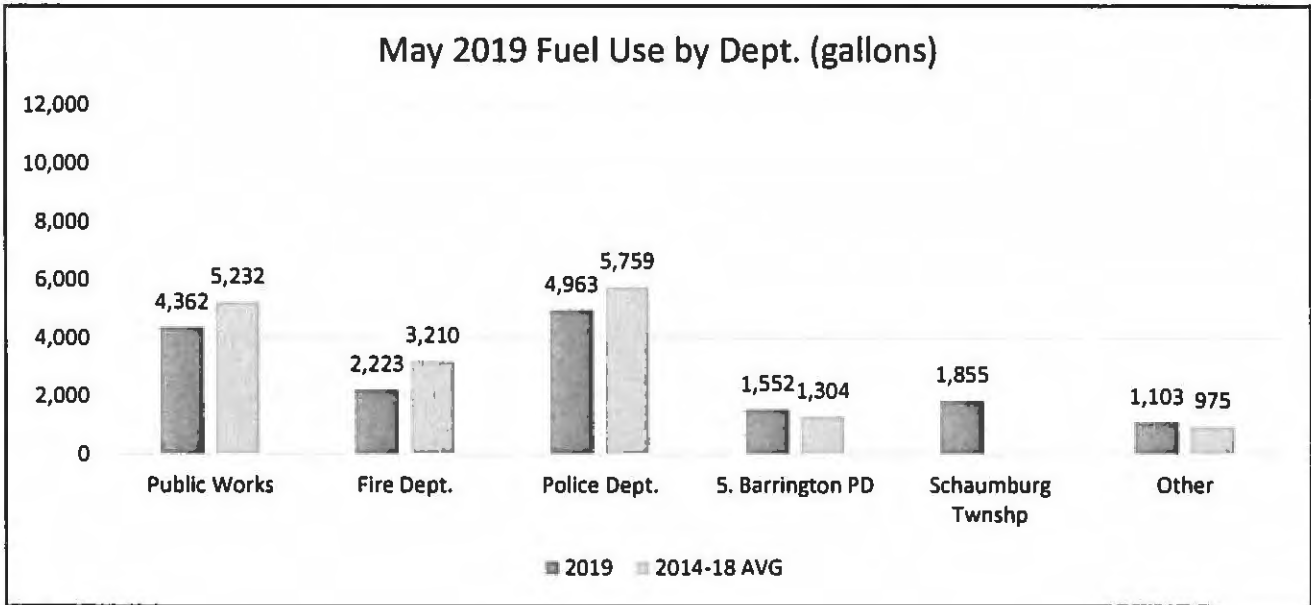
Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	2	1	1								5

### Sanitary Sewer Flow Management Team:

1. Assisted Water Operations team with collection of water samples;
2. Cleared blockage on Erie Lane and root cut line;
3. Assisted contractor with MACP (manhole assessment) at various locations;
4. Assisted with sanitary sewer main replacement on Avondale Lane.

Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3,337	0	5,254	350	1,168								10,109
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	355	4,747	3,965	394								9,461

## Fuel Use Report



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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending June 21, 2019.



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Alan Wenderski, P.E.  
Village Engineer

**MISCELLANEOUS**

Summary of miscellaneous items:

- 47 permit inspections
- 34 residential drainage investigations
  - 5 related surveys
- Assisted with 5 FOIA requests
- Pavement Condition Ratings approximately 60% complete
- Engineering plan review for:
  - 1400 Gannon Drive
  - 2595 W Golf Road
- Reviewed permits for:
  - 6 – Drainage
  - 5 – Detached Garage/Addition
  - 1 – Retaining Wall
- Plan/permit review related to residential development:
  - 9 – Permit Plats
  - 11 – Top of Foundation
  - 14 – Final Grading
  - 12 – Certificates of Occupancy

**PROJECT STATUS**

<b>VILLAGE PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>2018 Street Revitalization Project</b>	Landscape punch list work ongoing. Village Project Manager: Marty Salerno
<b>2019 Street Revitalization Project</b>	See attached for current project status/schedule. Village Project Manager: Marty Salerno
<b>Almond/Audubon Culvert Replacement</b>	Design work ongoing. Target bid opening in early fall and late fall construction. Chastain serving as design engineer. Village Project Manager: Shelley Walenga
<b>Oakmont Road Storm Sewer Replacement</b>	Work complete. Punch list currently being compiled. Village Project Manager: Oscar Gomez
<b>Prairie Stone Stormwater Management Plan</b>	Contract with V-3 to revise/update the 2004 Prairie Stone Stormwater Management Plan. Met with MWRD to discuss future permitting requirements within Prairie Stone on May 20 <sup>th</sup> . Updating of current model ongoing by V-3. Village Project Manager: Alan Wenderski
<b>Stonegate Pond Basin</b>	Work complete. W-T reviewing as-built pond grading. W-T Group serving as construction engineer. Village Project Manager: Alan Wenderski

<b>COMMERCIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Adesa Auto Auction</b> 5407 Trillium Boulevard	Remaining punch list items to be completed in spring 2019 prior to public acceptance. Village Project Manager: Terry White
<b>Aldi</b> 375 West Higgins Road	Work complete. Awaiting as-built drawings. Village Project Manager: Terry White
<b>Buona Beef</b> 2250-2360 West Higgins Road	Approved by Village Board on February 25 <sup>th</sup> . Prior to start of work, awaiting issuance of MWRD permit and project guarantee. Village Project Manager: Alan Wenderski
<b>Bystronic/Eagle Way Extension</b> 2200 Central Road	Site mass grading ongoing. Underground utility construction scheduled to resume in July. Village Project Manager: Terry White
<b>Greenspoint Amenities</b> 2800 West Higgins Road 2300 Barrington Road	Exterior site improvements. Approved by Village Board on June 17 <sup>th</sup> . Awaiting engineer's estimate for project guarantee. Village Project Manager: Alan Wenderski
<b>Hoffman Plaza</b> Higgins and Roselle	Completion of detention basin improvements from Phase I schedule to be completed by end of summer. Awaiting engineer's estimate for project guarantee submittal for Outlot 4. Village Project Manager: Alan Wenderski / Terry White
<b>Holiday Inn Express</b> 5235 Prairie Stone Parkway	Building work ongoing. Village Project Manager: Terry White
<b>Mercedes-Benz of Hoffman Estates</b> 1000 West Golf Road	Front parking lot/sidewalk improvement project. Project guarantee received. Scheduling preconstruction meeting within next few weeks. Village Project Manager: Terry White
<b>Shell – Ricky Rocket's</b> 2590 West Golf Road	Building work ongoing. Sidewalk, curb & gutter, and pavement work ongoing. Village Project Manager: Terry White
<b>Schaumburg Township Parking Lot Expansion</b> 1 Illinois Boulevard	Site work ongoing. Storm sewer installation complete. Curb & gutter complete. Pavement work to be completed within the next few weeks. Village Project Manager: Terry White

<b>RESIDENTIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Amber Meadows</b> NE Corner of Essex Drive and Beacon Pointe Drive	Home building ongoing. Exterior work on temporary occupancy lots continues. Village Project Manager: Terry White

<b>RESIDENTIAL PROJECTS</b>	
<b>PROJECT NAME</b>	<b>DESCRIPTION</b>
<b>Bergman Pointe</b> NW Corner of Ela Road and Algonquin Road	Home building ongoing. Exterior work on temporary occupancy lots continues. Signal modifications at Ela/Algonquin substantially complete. Final inspection for public improvements requested. Village Project Manager: Terry White
<b>Devonshire Woods</b> SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. Exterior work on temporary occupancy lots continues. Final inspection for subdivision acceptance is ongoing. Village Project Manager: Terry White

## 2019 Street Revitalization Project Schedule Update: (June 14, 2019)

RECONSTRUCTION STREETS	Start Date <sup>1</sup>	Pre-Construction			Construction													Landscaping		
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed	Percent Complete	
1. ALHAMBRA LANE Ashland St to Arizona Blvd	7/1/2019																			
2. AVONDALE LANE Alhambra Ln to Almond Ln	7/1/2019																			
3. HASSELL DRIVE Hassell Rd to End of Street	7/8/2019																			
4. LAFLEUR LANE Brittany Ln to Freeman Rd	7/15/2019																			
														Completed	In Progress					

<sup>1</sup>Tentative / Actual

**Definition of Construction Steps:**

- Layout: Village engineers evaluate existing conditions, determine removals, and complete construction staking.
- Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.
- Saw Cutting: A circular saw machine cuts the concrete and asphalt at construction joints.
- Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.
- Asphalt Removal: The contractor either uses a backhoe or milling machine to remove existing asphalt layers.
- Earth Excavation: Removal of the all materials located below the existing road to a stabilized subgrade.
- Sub base Backfill: The installation of stone to a depth of 8"-12" with a layer of geotextile fabric.
- Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.
- Curb & Gutter: The installation of concrete curb & gutter utilizing mechanical equipment or hand tools.
- Driveway Aprons: The replacement of asphalt and concrete driveway aprons.
- Sidewalks: The replacement of concrete public sidewalks.
- Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.
- Asphalt Binder: The first layer of asphalt
- Asphalt Patching: Repair of localized pavement failures on resurfacing streets.
- Asphalt Surface: The final layer of asphalt.
- Striping: Completion of permanent pavement striping.
- Backfill Topsoil: Placement of topsoil to areas that have been disturbed during construction.
- Sod & Seed: Placement of sod and seed to areas that have been disturbed during construction.

## 2019 Street Revitalization Project Schedule Update: (June 14, 2019)

RESURFACING STREETS	Start Date <sup>1</sup>	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. ANGOULEME LANE Bison Ln to Rohrssen Rd	5/20/2019							n/a			n/a						60%
2. ANJOU LANE Versailles Rd to Picardy Ln	9/16/2019																
3. APPLE STREET Higgins Rd to Golf Rd	9/2/2019																
4. ATLANTIC AVENUE Bode Rd to Pacific Ave	5/23/2019										n/a						55%
5. BAYSIDE COURT W Bayside Cir to End of Street	10/7/2019																
6. BERKLEY LN W Washington Blvd to Spring Mill Dr	6/20/2019																
7. BORDEAUX DRIVE Versailles Rd to Charlemagne Dr	8/26/2019																
8. BUCKTHORN DRIVE Huntington Blvd to Lombardy Ln	9/30/2019																
9. BULRUSH DRIVE Sweetflower Dr to Harmon Blvd	6/11/2019										n/a						
10. CLOVER LANE Old Timber Ln to Sunflower Ln	10/14/2019																
11. COLONY LANE Firestone Dr to Lexington Dr	9/3/2019																
12. CRANSHIRE COURT Regent Dr to End of Street	8/19/2019																
13. FOX PATH LANE Rohrssen Rd to Mallard Ln	5/20/2019								n/a		n/a						60%
14. FREEMAN ROAD Mumford Dr to Park Ln	9/23/2019																
15. GREENSPPOINT PARKWAY Higgins Rd to Higgins Rd	8/5/2019																
16. HARRISON LANE Firestone Dr to Winston Dr	9/3/2019																
17. LEATHERLEAF LANE Alder Dr (N) to Whispering Trails Dr	8/26/2019																
18. MOHAVE STREET Illinois Blvd to Lincoln St	7/22/2019																
19. NANTUCKET COURT Stone Harbor Dr to End of Street	10/7/2019																

<sup>1</sup>Tentative / Actual

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

Completed

In Progress



## 2019 Street Revitalization Project Schedule Update: (June 14, 2019)

RESURFACING STREETS	Start Date <sup>1</sup>	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
20. NORTHVIEW LANE Shepard Rd to End of Street	7/8/2019																
21. PACIFIC AVENUE Bode Rd to Atlantic Ave	5/22/2019											n/a					55%
22. PARKVIEW CIRCLE Hassell Rd to Hassell Rd	7/8/2019																
23. PICARDY LANE Charlemagne Dr to End of Street	9/16/2019																
24. PRESTWICK PLACE Chambers Dr to Chambers Dr	10/14/2019																
25. REGENT DRIVE Wilshire Dr to Wilshire Dr	6/24/2019																
26. ROHRSEN ROAD Golf Rd to 400 feet N of McDonough Rd	5/21/2019					n/a		n/a									60%
27. SHOE FACTORY BIKE PATH Ivy Ridge Dr to CN Railroad	TBD																
28. STURBRIDGE DRIVE E Mumford Dr to Westbury Dr	9/3/2019																
29. SWEETFLOWER DRIVE Harmon Blvd to End of Street	6/11/2019											n/a					
30. TARRINGTON DRIVE Castaway Ln to Dukesberry Ln	10/21/2019																
31. VERSAILLES ROAD Algonquin Rd to Charlemagne Dr	7/22/2019																
											Completed		In Progress				

<sup>1</sup>Tentative / Actual

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