

**AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
July 16, 2018**

Immediately Following Finance Committee

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

- I. Roll Call**
- II. Approval of Minutes – June 25, 2018**

NEW BUSINESS

1. Request approval to reject the sole bid received for Public Works Aster Lane Garage Storage Building and Fascia Replacement.
2. Request approval of an ordinance creating Article 5, Small Wireless Facilities, of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code.

REPORTS (INFORMATION ONLY)

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

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

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

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

**PUBLIC WORKS & UTILITIES COMMITTEE
MEETING MINUTES**

June 25, 2018

I. Roll call

Members in Attendance: Trustee Anna Newell, Chairperson
Trustee Michael Gaeta, Vice Chairperson
Trustee Karen Mills
Trustee Gary Stanton
Trustee Karen Arnet
Mayor William McLeod

Via Phone: Trustee Gary Pilafas

**Management Team Members
in Attendance:** Jim Norris, Village Manager
Art Janura, Corporation Counsel
Patti Cross, Asst. Corporation Counsel
Dan O'Malley, Deputy Village Manager
Ted Bos, Police Chief
Joe Nebel, Director of Public Works
Monica Saavedra, Director of HHS
Fred Besenhoffer, Director of IS
Suzanne Ostrovsky, Asst. to the Village Mgr.
Ben Gibbs, GM Sears Centre
Doug Lasota, Asst. Corporation Counsel

The Public Works & Utilities Committee meeting was called to order at 7:00 p.m.

II. Approval of Minutes – June 4, 2018

Motion by Trustee Gaeta, seconded by Trustee Mills, to approve the minutes of the Public Works & Utilities Committee meeting of June 4, 2018. Roll call vote taken. All ayes. Motion carried.

NEW BUSINESS

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

An item summary sheet by Honorable Janura and Joe Nebel was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to set forth a prevailing hourly wage rate paid to employees engaged in work awarded under public contract. Roll call vote taken. All ayes. Motion carried.

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

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

Motion by Trustee Gaeta, seconded by Trustee Arnet, to extend 2017 contract for 2018-2019 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$4,941.00, total contract amount not to exceed \$59,292.00. Roll call vote taken. All ayes. Motion carried.

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

An item summary sheet by Joe Nebel, Bob Markko and Kelly Kerr was presented to Committee.

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

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

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

Motion by Trustee Gaeta, seconded by Trustee Mills, to award contract to Baxter & Woodman Consulting Engineers, Crystal Lake, IL for engineering services required for compliance with the Metropolitan Water Reclamation District (MWRD) Infiltration/Inflow Control Program (IICP), in an amount not to exceed \$273,000. Roll call vote taken. All ayes. Motion carried.

REPORTS (INFORMATION ONLY)

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

There were no additional comments and the reports were received and filed.

III. President's Report

Mayor McLeod provided a recap of his activities from the week of 6/18.

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Gaeta, seconded by Trustee Arnet, to adjourn the meeting at 7:23 p.m. Roll call vote taken. All ayes. Motion carried.

Minutes submitted by:

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

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approval to reject the sole bid received for Public Works Aster Lane Garage Storage Building and Fascia Replacement.

MEETING DATE: July 16, 2018

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works
Paul Petrenko, Superintendent, Facilities & Arena Maint.

PURPOSE: Request approval to reject the sole bid received for Public Works Aster Lane Garage Storage Building and Fascia Replacement and recommend rebid.

BACKGROUND: The Public Works Aster Lane Storage Building is an un-insulated wood frame structure built in 1989. The metal roof is leaking and is in need of replacement. The veneer (faux) brick has failed in some areas and is falling off of the building which will require a complete tear-off and replacement.

Bid specifications were written to install four (4) inches of new insulation onto the existing roof and to add a new standing seam metal roof over the insulation along with new fascia boards. The faux brick was to be removed and new insulated vinyl siding installed on all four elevations. This would also provide a modest reduction in utility costs to heat the building in the wintertime.

DISCUSSION: On June 12, 2018, the bid specifications were published and on June 19, only two (2) contractors attended the mandatory pre-bid meeting. On the bid opening date, June 26, only one bid was tendered in the amount of \$ 137,710.00 for the roof , \$39,500.00 for vinyl siding, and an alternate price of \$12,500 for Board and Batten vertical siding.

This exceeds our budget of \$150,000.00 for this project.

Due to having one bidder and the cost, it is therefore the recommendation of staff to reject the sole bid and rebid the project once again.

FINANCIAL IMPACT:

The allocated budget for this project is \$150,000.00.

RECOMMENDATION:

Request approval to reject the sole bid received for Public Works Aster Lane Garage Storage Building and Fascia Replacement.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

NB-2

SUBJECT: Approval of an ordinance creating Article 5, Small Wireless Facilities of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code

MEETING DATE: July 16, 2018

COMMITTEE: Public Works Committee

FROM: Bruce Anderson/Peter Gugliotta/Aaron Howe/Douglas LaSota

PURPOSE: To consider creating Article 5, Small Wireless Facilities, of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code.

BACKGROUND: On April 12, 2018, Governor Bruce Rauner signed Senate Bill 1451 (Public Act 100-0585), the Small Wireless Facilities Deployment Act. This Act provides the regulations and process for permitting and deploying small cell wireless facilities throughout Illinois. The Act supersedes home rule authority. The Act went into effect June 1, 2018.

DISCUSSION: The Small Wireless Facilities Deployment Act allows that additional telecommunication hardware may be added to utility poles, light poles and other structures in the public right-of-way as wireless carriers implement 5G technology and enhance cellular transmission.

The new law restricts the ability of municipalities to regulate these facilities and the ordinance reflects the boundaries of the Village's ability to regulate these small wireless facilities going forward.

The ordinance requires wireless telecommunications providers to submit permit applications and pay applicable fees up to the limits in state law for the use of the public right-of-way. Among other things, it also gives the municipality the authority to propose alternate placements within 100 feet of the requested site to help ensure the integrity of the right-of-way.

The ordinance protects our ability to provide public safety services to residents as needed, while ensuring access to new 5G technology.

RECOMMENDATION: Recommend approval of an ordinance creating Article 5, Small Wireless Facilities, of Chapter 14, Telecommunications, of the Hoffman Estates Municipal Code.

VILLAGE OF HOFFMAN ESTATES

AN ORDINANCE CREATING ARTICLE 5, SMALL WIRELESS FACILITIES,
OF CHAPTER 14, TELECOMMUNICATIONS,
OF THE HOFFMAN ESTATES MUNICIPAL CODE

WHEREAS, the Illinois General Assembly has recently enacted Public Act 100-0585, known as the Small Wireless Facilities Deployment Act (the Act), which became effective on June 1, 2018; and

WHEREAS, the Village of Hoffman Estates (the "Village") is an Illinois municipality in accordance with the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village is authorized, under existing State and federal law, to enact appropriate regulations and restrictions relative to Small Wireless Facilities, distributed Antenna systems and other personal wireless telecommunication facility installations in the public Right-of-Way as long as it does not conflict with State and federal law; and

WHEREAS, the Act sets forth the requirements for the Collocation of Small Wireless Facilities by local authorities.

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

Section 1: That Article 5, SMALL WIRELESS FACILITIES, of Chapter 14, TELECOMMUNICATIONS, of the Hoffman Estates Municipal Code, be and is hereby created to read as follows:

Article 5

SMALL WIRELESS FACILITIES

Section 14-5-1. PURPOSE

The purpose of this Article is to establish regulations, standards and procedures for the siting and Collocation of Small Wireless Facilities on Rights-of-Way within the Village's jurisdiction, or outside the Rights-of-Way on property zoned by the Village exclusively for commercial or industrial use, in a manner that is consistent with the Illinois Small Wireless Facilities Deployment Act.

Section 14-5-2. CONFLICTS WITH OTHER PROVISIONS

This Article supersedes all articles, chapters, or provisions of the Municipal Code of Hoffman Estates adopted prior hereto that are inconsistent herewith, to the extent of such inconsistency.

Section 14-5-3. CONFLICTS WITH STATE AND FEDERAL LAWS

In the event that applicable federal or State laws or regulations conflict with the requirements of this Article, the Wireless Provider shall comply with the requirements of this Article to the maximum extent possible without violating federal or State laws or regulations.

Section 14-5-4. DEFINITIONS

For the purposes of this Article, the following terms shall have the following meanings:
"Antenna" means communications equipment that transmits or receives electromagnetic radio frequency signals used in the provision of Wireless Services.

“Applicable Codes” mean uniform building, fire, electrical, plumbing, or mechanical codes adopted by a recognized national code organization or local amendments to those codes, including the National Electric Safety Code.

“Applicant” means any Person who submits an Application and is a Wireless Provider.

“Application” means a request submitted by an Applicant to the Village for a Permit to Collocate Small Wireless Facilities, and a request that includes the installation of a new Utility Pole for such Collocation, as well as any applicable Fee for the review of such Application.

“Article” means Article 5 of Chapter 14 of the Municipal Code of Hoffman Estates.

“Collocate or Collocation” means to install, mount, maintain, modify, operate, or replace wireless facilities on or adjacent to a Wireless Support Structure or Utility Pole.

“Communications Service” means cable service, as defined in 47 U.S.C. 522(6), as amended; information service, as defined in 47 U.S.C. 153(24), as amended; telecommunications service, as defined in 47 U.S.C. 153(53), as amended; mobile service, as defined in 47 U.S.C. 153(53), as amended; or wireless service other than mobile service.

“Communications Service Provider” means a cable operator, as defined in 47 U.S.C. 522(5), as amended; a provider of information service, as defined in 47 U.S.C. 153(24), as amended; a telecommunications carrier, as defined in 47 U.S.C. 153(51), as amended; or a Wireless Provider.

“Director of Public Works” means the Director of the Department of Public Works of the Village of Hoffman Estates.

“FCC” means the Federal Communications Commission of the United States.

“Fee” means a one-time charge.

“Historic District or Historic Landmark” means a building, property, or site, or group of buildings, properties, or sites that are either (i) listed in the National Register of Historic Places or formally determined eligible for listing by the Keeper of the National Register, the individual who has been delegated the authority by the federal agency to list properties and determine their eligibility for the National Register, in accordance with Section VI.D.1.a.i through Section VI.D.1.a.v of the Nationwide Programmatic Agreement codified at 47 CFR Part 1, Appendix C; or (ii) designated as a locally landmarked building, property, site, or Historic District by an ordinance adopted by the Village pursuant to a preservation program that meets the requirements of the Certified Local Government Program of the Illinois State Historic Preservation Office or where such certification of the preservation program by the Illinois State Historic Preservation Office is pending.

“Law” means a federal or State statute, common law, code, rule, regulation, order, or local ordinance or resolution, including the Municipal Code of Hoffman Estates.

“Micro Wireless Facility” means a Small Wireless Facility that is not larger in dimension than 24 inches in length, 15 inches in width, and 12 inches in height and that has an exterior Antenna, if any, no longer than 11 inches.

“Municipal Utility Pole” means a Utility Pole owned or operated by the Village in public Rights-of-Way.

“Permit” means a written authorization required by the Village to perform an action or initiate, continue, or complete a project.

“Person” means an individual, corporation, limited liability company, partnership, association, trust, or other entity or organization.

“Public Safety Agency” means the functional division of the federal government, the State, a unit of local government, or a special purpose district located in whole or in part within this State, that provides or has authority to provide firefighting, police, ambulance, medical, or other emergency services to respond to and manage emergency incidents.

“Rate” means a recurring charge.

“Right-of-Way” means the area on, below, or above a public roadway, highway, street, public sidewalk, alley, or utility easement dedicated for compatible use. Right-of-way does not include Village-owned aerial lines.

“Small Wireless Facility” means a Wireless Facility that meets both of the following qualifications: (i) each Antenna is located inside an enclosure of no more than 6 cubic feet in volume or, in the case of an Antenna that has exposed elements, the Antenna and all of its exposed elements could fit within an imaginary enclosure of no more than 6 cubic feet; and (ii) all other wireless equipment attached directly to a Utility Pole associated with the facility is cumulatively no more than 25 cubic feet in volume. The following types of associated ancillary equipment are not included in the calculation of equipment volume: electric meter, concealment elements, telecommunications demarcation box, ground-based enclosures, grounding equipment, power transfer switch, cut-off switch, and vertical cable runs for the connection of power and other services.

“Structural Engineer” means an individual licensed under the laws of the State of Illinois to practice structural engineering, with demonstrable familiarity with recognized industry standard practices, and with offices located in the Chicagoland metropolitan area.

“Utility Pole” a pole or similar structure that is used in whole or in part by a Communications Service Provider or for electric distribution, lighting, traffic control, or a similar function.

“Wireless Facility” means equipment at a fixed location that enables wireless communications between user equipment and a communications network, including: (i) equipment associated with wireless communications; and (ii) radio transceivers, Antennas, coaxial or fiber-optic cable, regular and backup power supplies, and comparable equipment, regardless of technological configuration. Wireless facility includes Small Wireless Facilities. Wireless facility does not include: (i) the structure or improvements on, under, or within which the equipment is Collocated; or (ii) wireline backhaul facilities, coaxial or fiber optic cable that is between Wireless Support Structures or Utility Poles or coaxial, or fiber optic cable that is otherwise not immediately adjacent to or directly associated with an Antenna.

“Wireless Infrastructure Provider” means any Person authorized to provide telecommunications service in the State that builds or installs wireless communication transmission equipment, wireless facilities, Wireless Support Structures, or Utility Poles and that is not a Wireless Services Provider but is acting as an agent or a contractor for a Wireless Services Provider for the Application submitted to the Village.

“Wireless Provider” means a Wireless Infrastructure Provider or a Wireless Services Provider.

“Wireless Services” means any services provided to the general public, including a particular class of customers, and made available on a nondiscriminatory basis using licensed or unlicensed spectrum, whether at a fixed location or mobile, provided using wireless facilities.

“Wireless Services Provider” means a Person who provides Wireless Services.

“Wireless Support Structure” means a freestanding structure, such as a monopole; tower, either guyed or self-supporting; billboard; or other existing or proposed structure designed to support or capable of supporting wireless facilities. Wireless support structure does not include a Utility Pole.

Section 14-5-5. PERMITTED USE

Except as otherwise provided in this Article, by operation of the Illinois Small Wireless Facilities Deployment Act, Small Wireless Facilities are a permitted use subject to administrative review in conformance with this Article and the Illinois Small Wireless Facilities Deployment Act if they are Collocated (i) in Rights-of-Way in any zoning district, or (ii) outside Rights-of-Way in property zoned exclusively for commercial or industrial use.

Section 14-5-6. PERMIT REQUIRED

An Applicant shall obtain one or more Permits from the Village to Collocate a Small Wireless Facility. An Application shall be received and processed, and Permits issued shall be subject to the following conditions and requirements:

A. **Information Required.** A Wireless Provider shall provide the following information to the Village, together with the Village's Small Cell Facilities Permit Application, as a condition of any Permit Application to Collocate Small Wireless Facilities on a Utility Pole or Wireless Support Structure:

1. Site specific structural integrity analysis prepared and stamped by a Structural Engineer that has performed a personal inspection of the site.
2. For Collocation on a Municipal Utility Pole, a make-ready analysis prepared and stamped by a Structural Engineer that has performed a personal inspection of the site.
3. The location where each proposed Small Wireless Facility or Utility Pole would be installed.
4. Photographs and graphic or simulated renderings, including:
 - a. Photographs from four equally separated directions (north, south, east, and west) clearly showing the nature and location of the site where each Small Wireless Facility is proposed to be located;
 - b. Photographs showing the location and condition of properties adjacent to the site of each proposed Small Wireless Facility; and
 - c. True-to-scale graphic depictions or simulated renderings accurately representing the visual impact of the Small Wireless Facilities when viewed from the street and from adjacent properties from four equally separated directions (north, south, east, and west).
5. Specifications and drawings prepared and stamped by a Structural Engineer that has performed a personal inspection of the site for each proposed Small Wireless Facility covered by the Application as it is proposed to be installed;
6. The equipment type and model numbers for the Antennas and all other wireless equipment associated with the Small Wireless Facility;
7. A proposed schedule for the installation and completion of each Small Wireless Facility covered by the Application, if approved; and
8. Certification that the Collocation complies with all applicable laws, to the best of the Applicant's knowledge.

9. For Collocation upon an existing Utility Pole, other than on a Municipal Utility Pole, evidence of the consent of the owner of such Utility Pole to the proposed Collocation.

B. Completeness of Application. Within thirty (30) days after receiving an Application, the Village shall determine whether the Application is complete and notify the Applicant. If an Application is incomplete, the Village must specifically identify the missing information. An Application shall be deemed complete if the Village fails to provide notification to the Applicant within thirty (30) days after all documents, information and Fees specifically enumerated in the Village's Permit Application form are received by the Village.

C. Application Processing. The Village shall process Applications as follows:

1. Village Review of Permit Applications. Completed Permit Applications, containing all required documentation, shall be examined by the Director of Public Works within the timeframes provided for by this Article. If the Application does not conform to the requirements of applicable ordinances, codes, laws, rules, and regulations, the Director of Public Works shall reject such Application in writing, stating the reasons therefor. If the Director of Public Works is satisfied that the proposed work conforms to the requirements of this Article and applicable ordinances, codes, laws, rules, and regulations, the Director of Public Works shall issue a Permit within the timeframes provided for by this Article. In all instances, it shall be the duty of the Applicant to demonstrate, to the satisfaction of the Director of Public Works, that the Collocation proposed under the Application shall be in full compliance with the requirements of all applicable laws.

2. Priority. The first completed Application shall have priority over Applications received by different Applicants for Collocation on the same Utility Pole or Wireless Support Structure.

3. Denial and Revised Applications. The Village shall document the basis for a denial, including the specific code provisions or Application conditions on which the denial is based, and send the documentation to the Applicant on or before the day the Village denies an Application.

The Applicant may cure the deficiencies identified by the Village and resubmit the revised Application once within thirty (30) days after notice of denial is sent to the Applicant without paying an additional Application Fee. Any review of a revised Application shall be limited to the deficiencies cited in the denial. Failure to resubmit the revised Application within thirty (30) days of denial shall require the Applicant to submit a new Application with applicable Fees, and recommencement of the Village's review period.

The Village shall approve or deny the revised Application within thirty (30) days after the Applicant resubmits the Application or it is deemed approved. The Applicant must notify the Village in writing of its intention to proceed on a deemed approved basis, which may be submitted with the revised Application.

A revised Application that requires the review of a new location, new or different structure to be Collocated upon, new Antennas, or other wireless equipment associated with the Small Wireless Facility shall be treated as a new Application and not subject to the cure provisions of this paragraph.

4. Pole Attachment Agreement. Within thirty (30) days after an approved Permit to Collocate a Small Wireless Facility on a Municipal Utility Pole, the Village and the Applicant shall enter into a Master Pole Attachment Agreement provided by the Village for the initial Collocation on a Municipal Utility Pole by the Applicant. For subsequent approved Permits to Collocate on a Small Wireless Facility on a Municipal Utility Pole by the same Applicant, the Village and the Applicant shall enter into a License Supplement of the Master Pole Attachment Agreement.

D. Replacement of Utility Pole or Wireless Support Structure. If the Village determines that Applicable Codes, ordinances or regulations that concern public safety, or the Collocation Requirements and Conditions of Section 14-5-7 require that the Utility Pole or Wireless Support Structure be replaced before the requested Collocation, approval shall be conditioned on the replacement of the Utility Pole or Wireless Support Structure at the cost of the applicant.

E. Time for Review of Applications.

1. Collocation on Existing Utility Pole or Wireless Support Structure. An Application to Collocate a Small Wireless Facility on an existing Utility Pole or Wireless Support Structure, or replacement of an existing Utility Pole or Wireless Support Structure shall be processed on a nondiscriminatory basis and shall be deemed approved if the Village fails to approve or deny the Application within ninety (90) days after the submission of a completed Application.

If an Applicant intends to proceed on a deemed approved basis, the Applicant shall notify the Village in writing of its intention to invoke the deemed approved remedy no sooner than seventy-five (75) days after the submission of a completed Application.

The Permit shall be deemed approved on the latter of (i) the 90th day after submission of the complete Application or (ii) the 10th day after the receipt of the deemed approved notice by the Village. The receipt of the deemed approved notice shall not preclude the Village's denial of the Permit request within the time limits as provided under this Article.

2. Collocation on New Utility Pole or Wireless Support Structure. An Application to Collocate a Small Wireless Facility that includes the installation of a new Utility Pole or Wireless Support Structure shall be processed on a nondiscriminatory basis and deemed approved if the Village fails to approve or deny the Application within one-hundred twenty (120) days after the submission of a completed Application.

If an Applicant intends to proceed on a deemed approved basis, the Applicant shall notify the Village in writing of its intention to invoke the deemed approved remedy no sooner than one-hundred five (105) days after the submission of a completed Application.

The Permit shall be deemed approved on the latter of (i) the 120th day after submission of the complete Application or (ii) the 10th day after the receipt of the deemed approved notice by the Village. The receipt of the deemed approved notice shall not preclude the Village's denial of the Permit request within the time limits as provided under this Article.

F. Tolling. The processing deadlines of Section 14-5-6(E) are tolled from the time the Village sends the notice of incompleteness as provided in Section 14-5-6(B) to the time the Applicant provides the missing information. Any time period provided for in this Article may be further tolled by:

1. An express written agreement between the Applicant and the Village; or
2. A local, State or federal disaster declaration or similar emergency that causes the delay.

G. Consolidated Applications. An Applicant seeking to Collocate Small Wireless Facilities solely within the jurisdiction of the Village shall be allowed, at the Applicant's discretion, to file a consolidated Application and receive a single Permit for the Collocation of up to twenty-five (25) Small Wireless Facilities if the Collocations each involve substantially the same type of Small Wireless Facility and substantially the same type of structure.

If an Application includes multiple Small Wireless Facilities, the Village may remove Small Wireless Facility Collocations from the Application and treat separately Small Wireless Facility Collocations for which incomplete information has been provided or that do not qualify for consolidated treatment or that are denied. The Village may issue separate Permits for each Collocation that is approved in a consolidated Application.

H. Duration of Permits. The duration of a Permit shall be for a period of not less than five (5) years, and the Permit shall be renewed for equivalent durations unless the Village makes a finding that the Small Wireless Facilities or the new or modified Utility Pole do not comply with the applicable Village codes or any provision, condition or requirement contained in this Article.

I. Means of Submitting Applications. Applicants shall submit Applications, supporting information and notices to the Village by personal delivery at the Village's designated place of business.

J. Time to Complete Collocation. Collocation for which a Permit is granted shall be completed within one hundred eighty (180) days after issuance of the Permit, unless the Village and the Wireless Provider agree in writing to extend this period or a delay is caused by make-ready work for a Municipal Utility Pole or by the lack of commercial power or backhaul availability at the site, provided the Wireless Provider has made a timely request within sixty (60) days after the issuance of the Permit for commercial power or backhaul services, and the additional time to complete installation does not exceed three hundred sixty (360) days after issuance of the Permit. Otherwise, the Permit shall be void unless the Village grants an extension in writing to the Applicant.

K. Work Where Permit is Not Required. Except for work within Rights-of-Way for activities set forth in this paragraph that affect traffic patterns or require lane closures, the Village shall not require an Application, approval or Permit, or require any Fees or other charges, from a Communications Service Provider authorized to occupy the Rights-of-Way, for the following activities:

1. routine maintenance;
2. the replacement of Wireless Facilities with Wireless Facilities that are substantially similar, the same size, or smaller if the Wireless Provider notifies the Village at least ten (10) days prior to the planned replacement and includes equipment specifications for the replacement of equipment consistent with Section 14-5-6(A)(5); or
3. the installation, placement, maintenance, operation or replacement of Micro Wireless Facilities suspended on cables that are strung between existing Utility Poles in compliance with applicable safety codes.

Section 14-5-7. COLLOCATION REQUIREMENTS AND CONDITIONS

A. No interference with public safety communication frequencies. The Wireless Provider's operation of the Small Wireless Facilities shall not interfere with the frequencies used by a Public Safety Agency for public safety communications.

A Wireless Provider shall install Small Wireless Facilities of the type and frequency that will not cause unacceptable interference with a Public Safety Agency's communications equipment.

Unacceptable interference will be determined by and measured in accordance with industry standards and the FCC's regulations addressing unacceptable interference to public safety spectrum or any other spectrum licensed by a Public Safety Agency.

If a Small Wireless Facility causes unacceptable interference, and the Wireless Provider has been given written notice of the interference by the Public Safety Agency, the Wireless Provider, at its own expense, shall remedy the interference in a manner consistent with the abatement and resolution procedures for interference with public safety spectrum established by the FCC including 47 CFR 22.970 through 47 CFR 22.973 and 47 CFR 90.672 through 47 CFR 90.675.

The Village may terminate a Permit for a Small Wireless Facility based on such interference if the Wireless Provider is not in compliance with the Code of Federal Regulations cited in the previous paragraph. Failure to remedy the interference as required herein shall constitute a public nuisance.

The Wireless Provider shall promptly notify the Village, in writing, of any notices the Wireless Provider has received from a Public Safety Agency regarding unacceptable interference with the Public Safety Agency's communications equipment.

B. Contractual Design Requirements. The Wireless Provider shall comply with requirements that are imposed by a contract between the Village and a private property owner that concern design or construction standards applicable to Utility Poles and ground-mounted equipment located in the Right-of-Way.

C. Ground-mounted Equipment Spacing. Subject to the administrative waiver provisions of Section 14-5-8, the Wireless Provider shall comply with applicable spacing requirements contained in this Code concerning the location of ground-mounted equipment located in the Right-of-Way.

D. Undergrounding Regulations. Subject to the administrative waiver provisions of Section 14-5-8, the Wireless Provider shall comply with the provisions of the Municipal Code of Hoffman Estates concerning undergrounding requirements that prohibit the installation of new or the modification of existing Utility Poles in a Right-of-Way without prior approval.

E. Compliance with Generally Applicable Right-of-Way Standards. To the extent not in conflict with this Article or the Illinois Small Wireless Facilities Deployment Act, the Wireless Provider shall comply with generally applicable standards of the Municipal Code of Hoffman Estates for construction and public safety in the Rights-of-Way.

F. Additional Requirements. The Director of Public Works may implement any additional reasonable and nondiscriminatory requirements that are consistent with this Article and the Illinois Small Wireless Facilities Deployment Act regulating the location, size, surface area and height of Small Wireless Facilities, or the abandonment and removal of Small Wireless Facilities.

G. Compliance with Public Safety Provisions. The Wireless Provider shall comply with all applicable laws provisions or regulations that concern public safety.

H. Compliance with Written Design Standards. The Wireless Provider shall comply with written design standards that are generally applicable for decorative Utility Poles, or reasonable stealth, concealment and aesthetic requirements whether set forth in the Municipal Code of Hoffman Estates, a written policy adopted by the Village, a comprehensive plan or other written design plan that applies to other occupiers of the Rights-of-Way, including on a Historic Landmark or in a Historic District.

I. Installation and Maintenance. The Wireless Provider shall install, maintain, repair and modify its Small Wireless Facilities in safe condition and good repair and in compliance with the requirements and conditions of this Article. The Wireless Provider shall ensure that its employees, agents or contractors that perform work in connection with its Small Wireless Facilities are adequately trained and skilled in accordance with all applicable industry and governmental standards and regulations. The Wireless Provider shall not commence operation of the Small Wireless Facility until the Structural Engineer that prepared the site specific structural integrity analysis required by Section 14-5-6(A)(1) has performed an on-site inspection of the installation and provided the Village with a written certification that the installation is as designed and structurally sound.

J. Alternate Placements. With respect to an Application for the Collocation of a Small Wireless Facility associated with a new Utility Pole, the Village may propose that the Small Wireless Facility be Collocated on an existing Utility Pole or existing Wireless Support Structure within one hundred (100) feet of the proposed Utility Pole or Wireless Support Structure, which the Applicant shall accept if it has the right to use the alternate structure on reasonable terms and conditions, and the alternate location and structure does not impose technical limits or excessive additional material costs as determined by the Applicant.

If the Applicant refuses a Collocation proposed by the Village, the Applicant shall provide written certification describing the property rights, technical limits or material cost reasons the alternate location does not satisfy the criteria in this subparagraph. It shall be the burden of the Applicant by presentation of legally competent evidence, to establish that the alternate location proposed by the Village imposes technical limits or additional material costs that render the alternate location unreasonable.

K. Height Limitations.

1. Height of Small Wireless Facility. The maximum height of a Small Wireless Facility shall be no more than ten (10) feet above the Utility Pole or Wireless Support Structure on which the Small Wireless Facility is Collocated.

2. Height of Utility Pole and Wireless Support Structure. Subject to Section 14-5-7(K)(3), new or replacement Utility Poles or Wireless Support Structures on which Small Wireless Facilities are Collocated shall not exceed the higher of:

a. ten (10) feet in height above the tallest existing Utility Pole, other than a Utility Pole supporting only wireless facilities, that is in place on the date the Application is submitted to the Village, that is located within three hundred (300) feet of the new or replacement Utility Pole or Wireless

Support Structure and that is in the same Right-of-Way within the jurisdictional boundary of the Village, provided the Village may designate which intersecting Right-of-Way within three hundred (300) feet of the proposed Utility Pole or Wireless Support Structures shall control the height limitation for such facility; or

b. forty-five (45) feet above ground level.

3. Height Exceptions or Variances. If an Applicant proposes a height for a new or replacement Utility Pole or Wireless Support Structure in excess of the height limitations contained in Section 14-5-7(K)(2) on which the Small Wireless Facility is proposed for Collocation, the Applicant shall apply for an administrative waiver in conformance with the procedures, terms and conditions set forth in Section 14-5-8.

Section 14-5-8. ADMINISTRATIVE WAIVERS

A. Request for Administrative Waiver. A utility requesting an administrative waiver from one or more of the provisions of this Article must do so in writing to the Director of Public Works as a part of the Permit Application. The request shall identify each provision of this Article from which an administrative waiver is requested and the reasons why an administrative waiver should be granted.

B. Fee for Review of Administrative Waiver. At the time a request for an administrative waiver is made, the Applicant shall pay an administrative waiver review Fee of five hundred (\$500) dollars for each Small Wireless Facility made subject to the requested administrative waiver.

C. Authority to Grant Administrative Waiver. The Director of Public Works shall grant or deny the requested administrative waiver for each provision of this Article identified in the administrative waiver request on an individual basis.

D. Conditions for Granting of Administrative Waiver. The Director of Public Works may grant an administrative waiver only if the Applicant requesting the administrative waiver has demonstrated all of the following:

1. One or more conditions not under the control of the Applicant (such as terrain features or an irregular Right-of-Way line) create a special hardship that would make enforcement of the provision unreasonable, given the public purposes to be achieved by the provision; and

2. All other designs, methods, materials, locations or facilities that would conform to the provision from which an administrative waiver is requested are impracticable in relation to the requested approach.

3. The requested administrative waiver is in harmony with the general purpose and intent of this Article.

4. The administrative waiver, if granted, will not undermine the safety of all users of the Right-of-Way including but not limited to pedestrians and drivers.

5. The administrative waiver, if granted, will not alter the essential character of the neighborhood and will not be a substantial detriment to adjacent property.

E. Additional Conditions for Granting of an Administrative Waiver. As a condition for authorizing an administrative waiver, the Director of Public Works may require the Applicant requesting the administrative waiver to meet reasonable standards and conditions that may or may not be expressly contained within this Article but which carry out the purposes of this Article.

F. Effective Period of Administrative Waiver.

1. No administrative waiver shall be valid for a period longer than two (2) years from the date of the administrative waiver is granted unless a Permit is obtained within such period and the installation of the Small Wireless Facility is started or the use is commenced within such period.

2. If the Small Wireless Facility for which the administrative waiver was granted are destroyed or damaged by any means, the administrative waiver shall remain valid only if such restoration is started within six (6) months from the date of destruction or damage and restoration proceeds and does not cease for a period of sixty (60) days and completion is accomplished within twenty-four (24) months from the date of destruction or damage.

G. Right to Appeal. Any Applicant aggrieved by any order, requirement, decision or determination, including denial of an administrative waiver, made by the Director of Public Works under the provisions of this Article shall have the right to appeal through an administrative hearing to be conducted as follows:

1. Payment of Fee. At the time such administrative hearing is requested, the Applicant shall pay a hearing Fee of one thousand (\$1,000) dollars.

2. Power of Hearing Officer. The hearing officer shall have all of the powers granted to him under common law relative to the conduct of an administrative hearing including the power to:

- a. preside over all Village hearings involving this Article;
- b. administer oaths;
- c. hear testimony and accept evidence that is relevant to administrative waiver requested by the Applicant;
- d. issue subpoenas to secure attendance of witnesses and the production of relevant papers or documents upon the request of the parties or their representatives;
- e. rule upon objections in the admissibility of evidence;
- f. preserve and authenticate the record of the hearing and all exhibits in evidence introduced at the hearing;
- g. issue a determination based on the evidence presented at the hearing, the determination of which shall be in writing and shall include a written finding of fact, decision and order.

3. Hearing Officer. The Village President with the consent of the Village Board of Trustees is hereby authorized to appoint an attorney licensed to practice law in the State of Illinois to hold the position of a hearing officer for each and every individual hearing brought pursuant to this Article that shall come before this Village.
4. Procedure. The system of administrative hearings for determination of granting an administrative waiver shall be initiated by the serving of a written notice on the Village Clerk by the Applicant stating in full detail the nature of the administrative waiver requested giving full particulars thereof, requesting the administrative waiver be granted, requesting the setting of a hearing, and payment of the required hearing Fee.
5. Administrative Hearing. An administrative hearing shall be held to adjudicate and determine whether the administrative waiver shall be granted.
 - a. Time and date. Hearings shall be held on the date, time and place as established by the Village with appropriate notice served upon Applicant.
 - b. Record. All hearings shall be attended by a certified court reporter and a transcript of all proceedings shall be made by said certified court reporter. The costs of said certified court reporter shall be borne by the Applicant.
 - c. Procedures. The Village and the petitioning Applicant shall be entitled to representation by counsel at said hearing and may present witnesses, may present testimony and documents, may cross-examine opposing witnesses, and may request the issuance of subpoenas to compel the appearance of relevant witnesses or the production of relevant documents.
 - d. Evidence. The rules of evidence as set forth in the Illinois Code of Evidence shall apply.
 - e. Final Determination. The determination by the hearing officer of whether the requested administrative waiver shall be granted shall constitute a final determination for the purpose of judicial review under the common law writ of certiorari.

Section 14-5-9. PERMIT APPLICATION FEES

Permit Application Fees are imposed as follows:

- A. Applicant shall pay an Application Fee of six hundred fifty (\$650) dollars for an Application to Collocate a single Small Wireless Facility on an existing Utility Pole or Wireless Support Structure.
- B. Applicant shall pay an Application Fee of three hundred fifty (\$350) for each Small Wireless Facility addressed in a consolidated Application to Collocate more than one Small Wireless Facility on existing Utility Poles or Wireless Support Structures.
- C. Applicant shall pay an Application Fee of one thousand (\$1,000) dollars for each Small Wireless Facility addressed in an Application that includes the installation of a new Utility Pole for such Collocation.

D. Notwithstanding any contrary provision of State law or local ordinance, Applications pursuant to this Section shall be accompanied by the required Application Fee. Application Fees are non-refundable.

Section 14-5-10. EXCEPTIONS TO APPLICABILITY

A. Nothing in this Article authorizes a Person to Collocate Small Wireless Facilities on:

1. Property owned by a private party or property owned or controlled by the Village or another unit of local government that is not located within Rights-of-Way, or a privately owned Utility Pole or Wireless Support Structure without the consent of the property owner;
2. Property owned, leased, or controlled by a park district, forest preserve district, or conservation district for public park, recreation or conservation purposes without the consent of the affected district, excluding the placement of facilities on Rights-of-Way located in an affected district that are under the jurisdiction and control of a different unit of local government as provided by the Illinois Highway Code; or
3. Property owned by a rail carrier registered under Section 18c-7201 of the Illinois Vehicle Code, Metra Commuter Rail or any other public commuter rail service, or an electric utility as defined in Section 16-102 of the Public Utilities Act, without the consent of the rail carrier, public commuter rail service, or electric utility.

The provisions of this Article do not apply to an electric or gas public utility or such utility's wireless facilities if the facilities are being used, developed and maintained consistent with the provisions of subsection (i) of Section 16-108.5 of the Public Utilities Act. For the purposes of this subsection, "public utility" has the meaning given to that term in Section 3-105 of the Public Utilities Act.

B. Nothing in this Article shall be construed to relieve any Person from any requirement (i) to obtain a franchise or a State-issued authorization to offer cable service or video service or (ii) to obtain any required permission to install, place, maintain, or operate communications facilities, other than Small Wireless Facilities subject to this Article.

Except for the provisions of the Municipal Code of Hoffman Estates concerning public safety, this Article shall not apply to any Small Wireless Facility located in an interior structure or upon the site of any campus, stadium, or athletic facility not otherwise owned or controlled by the Village.

Section 14-5-11. PRE-EXISTING AGREEMENTS

Existing agreements between the Village and Wireless Providers that relate to the Collocation of Small Wireless Facilities in the Right-of-Way, including the Collocation of Small Wireless Facilities on Village Utility Poles, that are in effect on June 1, 2018, remain in effect for all Small Wireless Facilities Collocated on the Village's Utility Poles pursuant

to Applications submitted to the Village before June 1, 2018, subject to applicable termination provisions contained therein. Agreements entered into after June 1, 2018, shall comply with this Article.

A Wireless Provider that has an existing agreement with the Village on the effective date of the Act may accept the Rates, Fees and terms that the Village makes available under this Article for the Collocation of Small Wireless Facilities or the installation of new Utility Poles for the Collocation of Small Wireless Facilities that are the subject of an Application submitted two or more years after the effective date of the Act by notifying the Village that it opts to accept such Rates, Fees and terms. The existing agreement remains in effect, subject to applicable termination provisions, for the Small Wireless Facilities the Wireless Provider has Collocated on the Village's Utility Poles pursuant to Applications submitted to the Village before the Wireless Provider provides such notice and exercises its option under this paragraph.

Section 14-5-12. COLLOCATION ON MUNICIPAL UTILITY POLES.

Small wireless facilities may be Collocated on Municipal Utility Poles subject to the following:

- A. Public Safety Space Reservation. The Village may reserve space on Municipal Utility Poles for future public safety uses, for the Village's electric utility uses, or both, but a reservation of space may not preclude the Collocation of a Small Wireless Facility unless the Village reasonably determines that the Municipal Utility Pole cannot accommodate both uses.
- B. Exclusive Agreements Prohibited. The Village may not enter into an exclusive arrangement with any Person for the right to attach Small Wireless Facilities to Municipal Utility Poles.
- C. Rate for Collocating on Municipal Utility Poles Within a Right-of-way. A Wireless Provider shall pay to the Village an annual recurring Rate to Collocate a Small Wireless Facility on a Municipal Utility Pole located in a Right-of-Way that equals (i) two hundred (\$200) dollars per year or (ii) the actual, direct and reasonable costs related to the Wireless Provider's use of space on the Municipal Utility Pole.

If the Village has not billed the Wireless Provider actual and direct costs, the Fee shall be two hundred (\$200) dollars payable on the first day after the first annual anniversary of the issuance of the Permit or notice of intent to Collocate, and on each annual anniversary date thereafter.

- D. Rate for Collocating on Municipal Utility Poles Outside of a Right-of-Way. Rates for Collocation on Municipal Utility Poles located outside of a Right-of-Way are not subject to limitations contained in Section 14-5-12(C), however such Rates shall be nondiscriminatory regardless of the services provided by the collocating Person.
- E. A Wireless Provider shall not Collocate Small Wireless Facilities on Municipal Utility Poles that are part of an electric distribution or transmission system within the communication worker safety zone of the pole or the electric supply zone of the pole.

However, the Antenna and support equipment of the Small Wireless Facility may be located in the communications space on the Municipal Utility Pole and on the top of the pole, if not otherwise unavailable, if the Wireless Provider complies with Applicable Codes for work involving the top of the pole.

For purposes of this subparagraph, the terms "communications space", "communication worker safety zone", and "electric supply zone" have the meanings given to those terms in the National Electric Safety Code as published by the Institute of Electrical and Electronics Engineers.

Section 14-5-13. MASTER POLE ATTACHMENT AGREEMENT

The Director of Public Works shall create and make available a "Master Pole Attachment Agreement" which may address, among other requirements, the requirements set forth in this Article and the Illinois Small Wireless Facilities Deployment Act. The Director of Public Works, in his discretion, may amend from time to time the Master Pole Attachment Agreement.

Section 14-5-14. ABANDONMENT OR TRANSFER

A. Deemed Abandonment. A Small Wireless Facility that is not operated for a continuous period of twelve (12) months shall be considered abandoned. The owner of the facility shall remove the Small Wireless Facility within ninety (90) days after receipt of written notice from the Village notifying the Wireless Provider of the abandonment.

The notice shall be sent by certified or registered mail, return receipt requested, by the Village to the owner at the address of the Wireless Provider as contained on the Permit. If the Small Wireless Facility is not removed within ninety (90) days of such notice, the Village may remove or cause the removal of such facility pursuant to the terms of its pole attachment agreement for Municipal Utility Poles or through whatever actions are provided for abatement of nuisances or by other Law for removal and cost recovery.

B. Ceasing Operation. Within ten (10) days of permanently ceasing operation of a Small Wireless Facility within the jurisdictional boundary of the Village, the owner shall provide written notice of abandonment to the Village.

In the event that the Village does not direct the removal of the abandoned Small Wireless Facility, the owner, by its notice of abandonment to the Village, shall be deemed to consent to the alteration or removal of all or any portion of the facility by the Village or its designee at the owner's cost.

If the owner fails to remove all or any portion of an abandoned Small Wireless Facility as directed by the Village within a reasonable time period as may be required by the Village under the circumstances, the Village may perform such removal and charge the cost of the removal against the owner or any successor in interest to the owner.

C. Notice of Transfer. An owner named on a Permit shall provide written notice to the Village if it sells or transfers Small Wireless Facilities within the jurisdiction of the Village. Such notice shall include the name, contact information, and proof of the transfer of ownership to the new Wireless Provider. Such transfer shall not become effective until an amended Permit is issued by the Village.

A person operating a Small Wireless Facility, other than the owner named on the Permit shall be deemed to be operating such Small Wireless Facility without a Permit. A Small Wireless Facility shall be considered not in operation during the period of time it is operated by a person other than the owner named on the Permit and the provisions of Section 14-5-14(A) shall apply if such operation continues for a period of twelve (12) months.

Section 14-5-15. MAKE-READY WORK

A. For Municipal Utility Poles that support aerial facilities used to provide Communications Services or electric service, Wireless Providers shall comply with the process for make-ready work as contained in 47 U.S.C. 224 and its implementing regulations, and the Village shall follow substantially similar process for make-ready work except to the extent that the timing requirements are otherwise addressed in this Article. The good-faith estimate of the Person owning or controlling the Municipal Utility Pole for any make-ready work necessary to enable the pole to support the requested Collocation shall include Municipal Utility Pole replacement, if necessary.

B. For Municipal Utility Poles that do not support aerial facilities used to provide Communications Services or electric service, the Village shall provide a good-faith estimate for any make-ready work necessary to enable the Municipal Utility Pole to support the requested Collocation, including pole replacement, if necessary, within ninety (90) days after receipt of a complete Application. Make-ready work, including any Municipal Utility Pole replacement, shall be completed within sixty (60) days of written acceptance of the good-faith estimate by the Applicant at the Wireless Provider's sole cost and expense. Alternatively, if the Village determines that Applicable Codes or public safety regulations require the Municipal Utility Pole to be replaced to support the requested Collocation, the Village shall require the Wireless Provider to replace the Municipal Utility Pole at the Wireless Provider's sole cost and expense.

C. The Village shall not require more make-ready work than required to meet Applicable Codes or industry standards. Make-ready work may include work needed to accommodate additional public safety communications needs that are identified in a documented and approved plan for the deployment of public safety equipment as specified in paragraph (1) of subsection (d) of this Section and included in an existing or preliminary Village or public service agency budget for attachment within one year of the Application. Fees for make-ready work, including any Municipal Utility Pole replacement, shall not exceed actual costs or the amount charged to Communications Service Providers for similar work and shall not include any consultants' Fees or expenses for Municipal Utility

Poles that do not support aerial facilities used to provide Communications Services or electric service. Make-ready work, including any pole replacement, shall be completed within 60 days of written acceptance of the good-faith estimate by the Wireless Provider, at its sole cost and expense.

Section 14-5-16. INDEMNIFICATION.

A Wireless Provider shall indemnify and hold the Village harmless against any and all liability or loss from personal injury or property damage resulting from or arising out of, in whole or in part, the use or occupancy of the Village improvements or Right-of-Way associated with such improvements by the Wireless Provider or its employees, agents, or contractors arising out of the rights and privileges granted under this Article and the Illinois Small Wireless Facilities Deployment Act. A Wireless Provider has no obligation to indemnify or hold harmless against any liabilities and losses as may be due to or caused by the sole negligence of the Village or its employees or agents. A Wireless Provider shall further waive any claims that they may have against the Village with respect to consequential, incidental, or special damages, however caused, based on the theory of liability.

Section 14-5-17. INSURANCE

A. Insurance Required. During the period in which a Wireless Provider's Wireless Facilities are located on Village improvements or Rights-of-Way, the Wireless Provider shall carry, at the Wireless Provider's own cost and expense, the following insurance:

1. property insurance for its property's replacement cost against all risks;
2. workers' compensation insurance, as required by Law; and
3. commercial general liability insurance with respect to its activities on the Village improvements or Rights-of-Way to afford minimum protection limits consistent with its requirements of other users of Village improvements or Rights-of-Way, including coverage for bodily injury and property damage, and said insurance shall be primary and non-contributory.

B. Village to be an Additional Insured. The Wireless Provider shall include the Village as an additional insured on the commercial general liability policy and provide certification and documentation of inclusion of the Village in a commercial general liability policy prior to the Collocation of any Wireless Facility.

C. Self-Insured. A Wireless Provider may self-insure all or a portion of the insurance coverage and limit requirement required by the Village. A Wireless Provider that self-insures is not required, to the extent of the self-insurance, to comply with the requirement for the name of additional insureds under this Section. A Wireless Provider that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage limits required by the Village prior to the Collocation of any Wireless Facility. The self-insurance requirement will be the same amount of self-insurance carried by the Village.

Section 14-5-18. SEVERABILITY

If any provision of this Article or application thereof to any Person or circumstances is ruled unconstitutional or otherwise invalid, such invalidity shall not affect other provisions or applications of this Article that can be given effect without the invalid application or provision, and each invalid provision or invalid application of this Article is severable.

Section 3: The Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 4: This Ordinance shall be in full force and effect immediately from and after its passage and approval.

PASSED THIS _____ day of _____, 2018

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

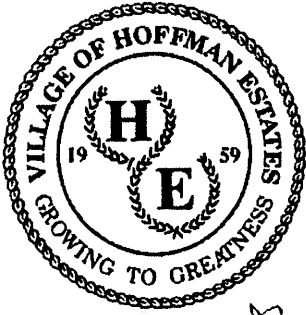
APPROVED THIS _____ DAY OF _____, 2018

Village President

ATTEST:

Village Clerk

Published in pamphlet form this _____ day of _____, 2018.



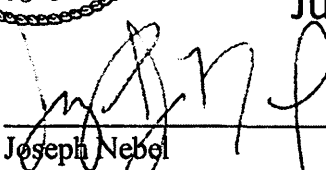
VILLAGE OF HOFFMAN ESTATES

DEPARTMENT OF PUBLIC WORKS

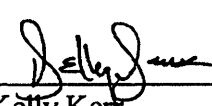
June 2018 MONTHLY REPORT

SUBMITTED TO: Public Works Committee

July 2018



 Joseph Nebel
 Director of Public Works



 Kelly Kerr
 Assistant Director of Public Works

MAJOR PROJECT STATUS

Emergency Sanitary Sewer Repair at Manchester & Higgins

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

2017 Valve Assessment Program

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

2017 Sanitary Sewer Rehabilitation

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

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

Installation of 13 standard manholes to replace lamp holes

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

Rehabilitation of ten (10) manholes

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

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

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

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

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

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

Installation of 2 standard manholes to replace lamp holes.

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

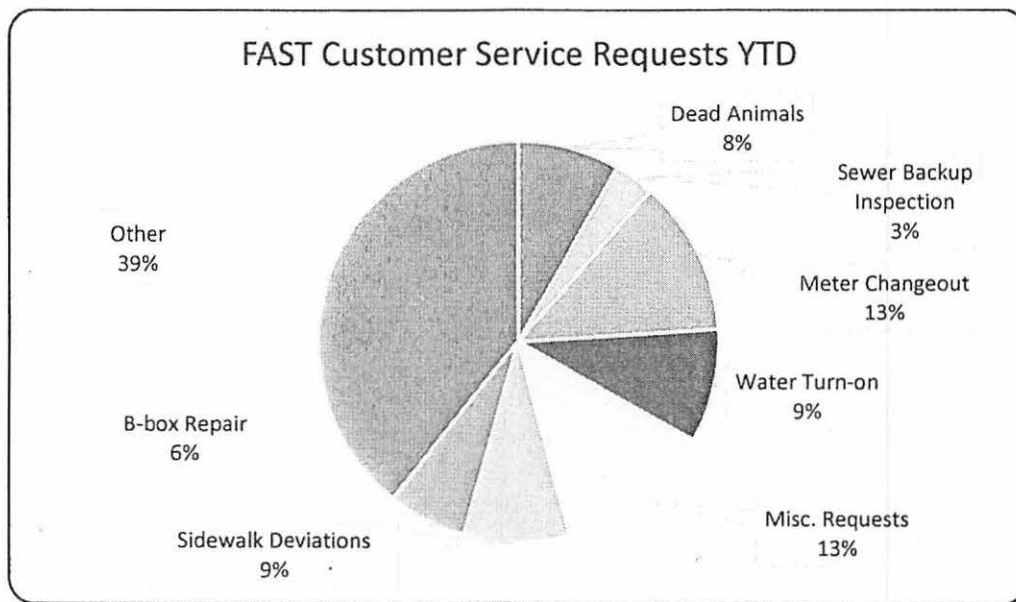
The project is closed.

Customer Services

Fast Action Service Team (FAST):

1. Continued sidewalk mudjacking program;
2. Completed installation of replacement Village Green tent.

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
117	128	144	166	218	162							935



Customer Service Team:

1. Performed sixty-two (62) commercial water meter audits;
2. Replaced one hundred three (103) MIUs.

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
64	45	72	49	47	44							321
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
496	227	198	260	268	268							1717
Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
110	124	93	113	97	74							611
New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	5	8	9	12	5							45
Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	20	21	22	21	15							150
Siding Permit Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	6	0	0	0	4							14
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0	4	2							6

Utility Locates Team:

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
257	116	681	828	738	809							3429
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
23	7	9	26	32	9							106
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	3	2	8	6	6							31

Facilities

1. Repaired west-loop detector at Public Works Center;
2. Replaced furnace at Fire Station 23;
3. Installed roll-shutter at Village Green concessions facility.

Facilities												
Preventative Maintenance Program - staff hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
97	94	110	109	108	88							607

Fleet Services

1. Sold nine (9) vehicles at auction anticipating a return of \$47,200;
2. Received and prepared for service new Engineering vehicle unit #E92.

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
27	31	18	23	18	26							143
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	3	24	3	4	4							42

Forestry

1. Removed trees on Oakmont Drive to assist Engineering project;
2. Assisted with IPWMAN Nunda Township sandbag operation.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	10	27	44	72	71							243

Maintenance & Construction

Storm Sewer Team:

1. Repaired Village drain tile system in parkway at 4055 North Parkside Drive;
2. Installed back yard drain tile system at 1140 Woodhollow Court;
3. Performed drain tile tap-in at 505 Norridge Lane.

Storm Sewer Team												
Feet of Storm Sewer Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4,519	0	1,371	0	405	0							6,295
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	7	5	4							16

Construction/Maintenance Team:

- 1) Repaired water main leak at 1015 Heritage Lane;
- 2) Provided contractor oversight for parkway excavation repairs;

3) Repaired various fire hydrants with minor issues found during hydrant flushing program.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	1	7	4	7							19
Hydrant Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0	0	1	0	2							4
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	1	0	0	0	1							2
Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	2	1	2	2	1							10

Traffic Operations

Pavement Maintenance Team:

1. Coordinated monthly tailgate and JSA training and sound level testing;
2. Assisted Road Reconstruction Program with driveway rehabilitation;
3. Continued 2018 Pavement Marking program.

Pavement Maintenance Team												
Tons of Hot Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0.0	0.0	0.0	3.0	61.0	47.5							111.5
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8.5	7.0	7.5	6.0	1.5	2.0							32.5

Sign Team:

1. Fabricated and installed Fire Department retirement signs and Fourth Fest banners;
2. Performed type-I sign reposting on Turnberry Drive and Bayside Court East.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
11	13	9	10	11	6							60
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
24	36	20	35	147	41							303

Street Light Team:

1. Performed seasonal banner change out throughout the Village;
2. Cleared tree branches obstructing street light poles and fixtures at various locations.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
7	9	5	3	11	9							44
Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
51	23	10	45	18	67							214

Water Operations

Operations Team:

1. Installed new mixer at WDA lift station wet well;
2. Installed new impeller at University lift station - pump #2;
3. Replaced malfunctioning pump timer at Abbey Wood pumping station - pump #3.

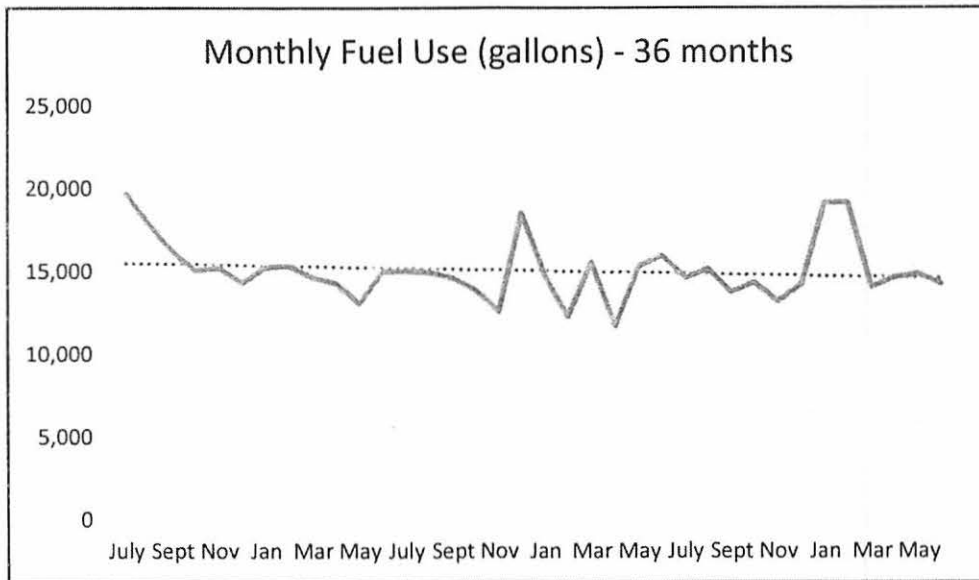
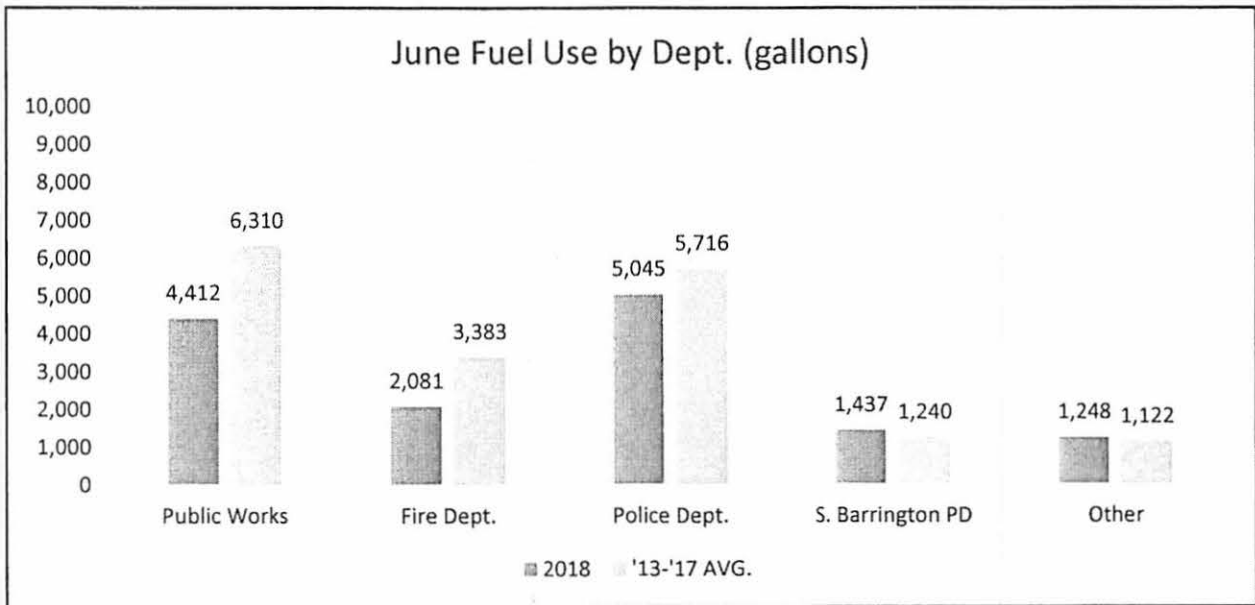
Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	0	1	3	4							10

Sanitary Sewer Flow Management Team:

1. Worked with GIS technician to perform map corrections;
2. Assisted Operations team with lift station maintenance.

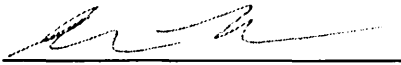
Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	478	5,375	6,688	7,801	27,576							47,918
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3,019	974	3,382	7,792	0	1,797							16,964

Fuel Use Report



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

Attached is the Monthly Engineering Report of the Transportation and Engineering Division in the Department of Development Services for the period ending July 13, 2018.



Alan Wenderski, P.E.
Village Engineer

MISCELLANEOUS

Summary of miscellaneous items:

- 45 permit inspections
- 16 residential drainage investigations
 - 3 surveys
- Engineering plan review for:
 - Aldi building addition
 - Hoffman Plaza
 - H90 Site
 - 2580 W Golf Road
- Reviewed permits for:
 - 1 - Drainage
 - 2 – Parking Lot
- Plan/permit review related to residential development:
 - 4 – Permit Plats
 - 2 – Top of Foundations
 - 5 – Final Grading
 - 2 – Certificate of Occupancies

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2018 Drainage Improvements Project	Design ongoing. Final locations approved on May 7 th . Target late summer bid opening and fall construction. Village Project Manager: Shelley Walenga
2018 Street Revitalization Project	See attached for current project status. Village Project Manager: Marty Salerno
2018 Surface Patching Project	Field design work ongoing. Target late summer bid opening and fall construction. Village Project Manager: Shelley Walenga
Higgins Road/Oakmont Road Sanitary Sewer Rehabilitation	Preconstruction meeting scheduled for July 12 th . Village Project Manager: Alan Wenderski / Oscar Gomez
Oakmont Road Storm Sewer Replacement	Final design work ongoing. Target early August bid opening. Village Project Manager: Andy LoBosco / Greg Burkey
Sears Centre Parking Lot Patch, Seal, and Striping Project	Design work ongoing. Village Project Manager: Shelley Walenga

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Adesa Auto Auction 5407 Trillium Boulevard	As-built drawings received and reviewed. Awaiting revisions and re-submittal. Village Project Manager: Terry White
Burger King Restaurant 2599 West Higgins Road	Temporary CO issued. Awaiting as-built drawings, sign-off of ROW permit from IDOT. Village Project Manager: Terry White
Culvers Prairie Stone 4665 Hoffman Boulevard	Awaiting as-built drawing revisions. Village Project Manager: Terry White
Enclave Apartments Clubhouse 750 Salem Drive	Water service pressure test and chlorination completed. Building work ongoing. Village Project Manager: Terry White
Hoffman Plaza Higgins and Roselle 1001-1067 Roselle Road	Awaiting revisions to as-built drawings. Village Project Manager: Terry White
Holiday Inn Express 5235 Prairie Stone Parkway	Site preconstruction meeting held on July 2 nd . Site demolition work ongoing. Village Project Manager: Terry White
Petro Auto 1300 West Higgins Road	Site work ongoing. Village Project Manager: Terry White
Route 58 AutoWash 105 East Golf Road	Awaiting IDOT sign-off for ROW restoration. As-built drawings received and approved. Village Project Manager: Oscar Gomez
Shell – Ricky Rocket’s 2590 Golf Road	Demolition work completed. Project guarantee received. Awaiting start of site work. Village Project Manager: Terry White
Silesia Prairie Stone 5250 Prairie Stone Parkway	Storm sewer and sanitary sewer work complete. Parking lot expansion work completed. Work on building addition ongoing. Village Project Manager: Terry White

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Airdrie Estates NE Corner of McDonough Road and Rohrsen Road	Staff has reviewed and approved permit plat submittal for Lot 2. Village Project Manager: Terry White / Oscar Gomez

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Amber Meadows NE Corner of Essex Drive and Beacon Pointe Drive	Multiple lots under construction. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. Remaining roadway construction ongoing, remainder of curb & gutter completed. Village Project Manager: Terry White / Oscar Gomez
Bergman Pointe NW Corner of Ela Road and Algonquin Road	Home building ongoing. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. Signal modifications at Ela/Algonquin are ongoing. Village Project Manager: Terry White
Devonshire Woods SW Corner of Shoe Factory Road and Essex Drive	Home building ongoing. Water/sewer service, sidewalk/driveway, and final grading inspections ongoing. Village Project Manager: Terry White / Oscar Gomez

Protecting Our Water Environment

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Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

Catherine A. O'Connor, Ph.D, P.E.

Director of Engineering

312.751.7905 f: 312.751.5681

catherine.o'connor@mwr.org

June 28, 2018

RECEIVED

JUL 02 2018

**ENGINEERING
TRANSPORTATION**

Mr. Alan Wenderski
Village Engineer
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

Dear Mr. Wenderski:

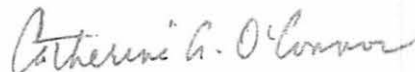
Subject: Notice of Phase II Stormwater Management Program Project Selection

The Metropolitan Water Reclamation District of Greater Chicago (District) solicited Phase II Stormwater Management Program Project proposals from municipalities, townships, and other governmental agencies for District assistance between December 2017 and February 2018. Phase II Stormwater Management Program Project Applications were sent to the chief elected official in each jurisdiction as well as agency and other governmental organization officials, and posted on the District's website. The District received 64 applications during the application period.

The District has reviewed and prioritized the projects submitted based on our current budgetary allocation for the program as well as other factors such as the project's intended Stormwater benefits towards protecting structures from flooding. Unfortunately, your project was not selected for assistance by the District through our Phase II Stormwater Management Program at this time. Due to the large number of project applications received and the available budget allocation, the District prioritized those projects best suited for meeting our Phase II program goals. Many of the submitted projects that were not selected appeared to be better suited for District assistance through our Green Infrastructure (GI) program or future Stormwater Master Planning.

We are grateful for your interest in the District's Phase II program and encourage you to pursue the project you submitted, if possible, via other outside funding opportunities or a future District call for projects, including our current GI project partnership opportunity solicitation, currently open through July 31, 2018, if applicable. If you have any questions please contact Mr. Cedric Robertson at (312)-751-3257.

Very truly yours,



Catherine A. O'Connor
Director of Engineering

2018 Street Revitalization Project Schedule Update: (Week of July 9, 2018)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction			Construction											Landscaping		Percent Complete	
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil		Sod & Seed
1. ABBEYWOOD DRIVE - PHASE I Governors Ln to Queensbury Cir (N)	7/16/2018																		
2. ABBEYWOOD DRIVE - PHASE II Queensbury Cir (N) to Jamestown Cir (S)	6/25/2018																		29%
3. ABBEYWOOD DRIVE - PHASE III Jamestown Cir (S) to Kensington Ln	6/4/2018		n/a					n/a		n/a									58%
4. ASHLEY COURT Ashley Rd to End of Street	7/16/2018																		
5. BARDWICK COURT Essington Ln to End of Street	7/27/2018																		
6. CALDWELL LANE Oakmont Rd to Kingsdale Rd	5/22/2018																		64%
7. CASTAWAY COURT Castaway Ln to End of Street	7/22/2018																		
8. CHATSWORTH LANE Dexter Ln (N) to Dovington Dr	5/30/2018																		64%
9. CLAREMONT ROAD Heather Ln to Hillcrest Blvd	5/31/2018		n/a																64%
10. COLONY COURT Colony Ln to End of Street	6/27/2018																		7%
11. ESSINGTON COURT Essington Ln to End of Street	7/23/2018																		
12. HARTFORD COURT Highland Blvd to End of Street	7/16/2018																		
13. HILLSIDE COURT Norman Dr to End of Street	6/28/2018																		7%
14. NORRIDGE LANE Payson St to Illinois Blvd	5/14/2018																		71%
15. WESTHAVEN COURT Dukesberry Ln to End of Street	7/22/2018																		
16. WINSTON LANE Winston Dr to End of Street	6/27/2018																		21%
¹ Tentative / Actual												Completed			In Progress				

2018 Street Revitalization Project Schedule Update: (Week of July 9, 2018)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. ALDER COURT Alder Dr (N) to End of Street	8/6/2018																
2. BAYSIDE COURT (E) Bayside Cir to End of Street	5/17/2018					n/a					n/a						90%
3. BICEK DRIVE Sapphire Dr to Burnham Dr	5/16/2018							n/a			n/a						90%
4. COLGATE COURT Highland Blvd to End of Street	7/23/2018																
5. DRESDEN DRIVE Freeman Rd to Haman Ave	8/6/2018																
6. DRIFTWOOD COURT Shorewood Dr to End of Street	8/6/2018																
7. GARNET CIRCLE Sapphire Dr to Sapphire Dr	7/30/2018																
8. LAFAYETTE LANE Hampton Rd to End of Street	8/1/2018																
9. LARCHMONT ROAD Newport Rd to Lafayette Ln	8/1/2018																
10. McDONOUGH ROAD Rohrssen Rd to Nicholson Dr	6/14/2018																67%
11. NICHOLSON DRIVE McDonough Rd to End of Street	6/15/2018										n/a						64%
12. OPAL DRIVE Olmstead Dr to Topaz Dr	7/30/2018																
13. TURNBERRY DRIVE Chambers Dr to Chambers Dr	5/16/2018										n/a						91%
14. WESTBRIDGE COURT Westbury Dr to End of Street	8/6/2018																
¹ Tentative / Actual										Completed		In Progress					

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

Definition of Construction Steps:

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