

**Winnetka Village Council**  
**REGULAR MEETING**  
**Village Hall**  
510 Green Bay Road  
Tuesday, August 2, 2016  
7:00 p.m.

Emails regarding any agenda item are welcomed. Please email [contactcouncil@winnetka.org](mailto:contactcouncil@winnetka.org), and your email will be relayed to the Council members. Emails for the Tuesday Council meeting must be received by Monday at 4 p.m. Any email may be subject to disclosure under the Freedom of Information Act.

**AGENDA**

- 1) Call to Order
- 2) Pledge of Allegiance
- 3) Quorum
  - a) August 9, 2016 Study Session - CANCELLED
  - b) August 16, 2016 Regular Meeting
  - c) September 6, 2016 Regular Meeting
- 4) Approval of Agenda
- 5) Consent Agenda
  - a) Approval of Village Council Minutes
    - i) July 12, 2016 Study Session .....3
    - ii) July 19, 2016 Regular Meeting.....6
  - b) Approval of Warrant List dated July 15-28, 2016 .....9
  - c) Resolution: No. R-41-2016: Public Works Underground Storage Tank Removal and Replacement Project (Adoption).....10
  - d) Purchase of Police Vehicle .....18
- 6) Stormwater Report: July 2016 Flood Event.....25
- 7) Ordinances and Resolutions:
  - a) Resolution No. R-42-2016: A Resolution Waiving Permit Fees for Storm Repairs (Adoption).....36
- 8) Public Comment
- 9) Old Business: None.

- 10) New Business: None.
- 11) Appointments
- 12) Reports
- 13) Closed Session
- 14) Adjournment

### **NOTICE**

All agenda materials are available at [villageofwinnetka.org](http://villageofwinnetka.org) (Government > Council Information > Agenda Packets & Minutes); the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2<sup>nd</sup> floor).

Broadcasts of the Village Council meetings are televised on Channel 10 and AT&T Uverse Channel 99 every night at 7 PM. Webcasts of the meeting may also be viewed on the Internet via a link on the Village's web site: <http://www.villageofwinnetka.org/government/village-videos/>.

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator – Megan Pierce, at 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

**MINUTES**  
**WINNETKA VILLAGE COUNCIL STUDY SESSION**

**July 12, 2016**

(Approved xx)

A record of a legally convened meeting of the Council of the Village of Winnetka, which was held in the Village Hall Council Chambers on Tuesday, July 12, 2016 at 7:00 p.m.

- 1) Call to Order. President Greable called the meeting to order at 7:00 p.m. Present: Trustees Andrew Cripe, William Krucks, Penfield Lanphier, Scott Myers, Christopher Rintz and Kristin Ziv. Absent: None. Also present: Assistant to the Village Manager Megan Pierce, Village Attorney Benjamin Schuster, Public Works Director Steve Saunders, Environmental and Forestry Commission Chairman Chuck Dowding, and approximately 4 persons in the audience.
- 2) Environmental and Forestry Commission Refuse and Recycling Analysis.

Trustee Myers introduced this topic by noting a Village survey revealed 94% of residents are very satisfied with the current refuse collection system. He continued that this discussion is to explore funding and collection options.

Environmental and Forestry Commission Chairperson Chuck Dowding explained the research process and data gathered. He continued the information received from the City of Highland Park on their residential service and fees was very helpful. Highland Park utilizes a private company for collection services. The Council discussed the refuse collection data.

Public Works Director Steve Saunders explained 80% of Winnetka's refuse collection is attributed to residential waste and the other 20% is commercial waste. Multi-family units are considered commercial waste. Director Saunders noted commercial units actually pay twice for garbage with their property taxes and for dumpster pickup.

Trustee Myers noted Winnetka's rates are equivalent to Highland Park's rates and Highland Park employs a private, for-profit company.

Director Saunders noted that Highland Park is much larger than Winnetka and is enjoying some economies of scale. However, Winnetka is still cost competitive.

Trustee Cripe asked about the Village's unfunded pension liability for refuse workers. Director Saunders responded the seven refuse workers account for four percent of Winnetka's pension liability and IMRF is 90% funded.

President Greable stated that he and Manager Bahan have met with the Village of Glencoe to discuss collaborating on refuse collection.

Trustee Lanphier asked when the last time the levy covered the cost of refuse.

Director Saunders stated 1996 was the last time the levy covered the cost of refuse and that a Council action at that time authorized this amount to be levied and the remainder to come

from the General Fund. He continued this was a purposeful intent, and he maintained refuse is not running a deficit.

The Council discussed refuse funding and alternatives that could make it more transparent.

Trustee Myers suggested the Village has an opportunity to act as a lever to encourage homes to throw away less by adjusting how refuse is funded. He noted in twenty years we will reach crisis capacity at our current landfill. He suggested the Village has several options; one, continue with the current practice; two, stop transferring money from the general fund and have tax payers directly pay the full amount; or three, raise the fees for refuse. The possibility also exists to charge people by what they generate and issue utility bills as opposed to levy for the revenue.

Trustee Lanphier suggested community engagement is needed on this topic.

Trustee Krucks noted user fees are a slippery slope. Property taxes are the established way to fund municipal expenses.

Trustee Rintz noted that even with Winnetka's fixed overhead costs, Public Works is still running a very efficient and cost effective operation as compared to Highland Park's private collection.

The Council discussed the merits of efficiency, municipal service and giving residents the opportunity to control their own costs with a pay-for system.

Trustee Ziv noted Winnetka consumes quite a bit and may be interested in options to reduce waste if given a choice.

President Greable asked if the Council could come to a consensus on this issue.

The Council discussed the economic and environmental benefits of recycling and how Village policy could promote less waste.

Trustee Cripe requested more data is needed to understand the full equation. He continued that he would like to explore the conversation that was had with Glencoe regarding refuse.

Assistant to the Village Manager Pierce noted she can follow up with the next steps from the conversation with Glencoe.

Trustee Rintz stated Winnetka residents have a high level of service expectation living in this community. He wants to make sure the Council doesn't lose sight that these services are an important part of living here.

President Greable joined Trustee Krucks in requesting more cost information to present to the public. Director Saunders and Assistant to the Village Manager Pierce concurred

additional cost information would be compiled, along with further insight concerning Glencoe's refuse plans and priorities.

- 3) Public Comment. None.
- 4) Executive Session. None.
- 5) Adjournment. Trustee Rintz, seconded by Trustee Cripe, moved to adjourn the meeting. By voice vote, the motion carried. The meeting adjourned at 8:56 p.m.

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Recording Secretary

**MINUTES  
WINNETKA VILLAGE COUNCIL  
REGULAR MEETING  
July 19, 2016**

(Approved: xx)

A record of a legally convened regular meeting of the Council of the Village of Winnetka, which was held in the Village Hall Council Chambers on Tuesday, July 19, 2016 at 7:00 p.m.

- 1) Call to Order. President Greable called the meeting to order at 7:00 p.m. Present: Trustees Andrew Cripe, William Krucks, Penfield Lanphier, Scott Myers, Christopher Rintz and Kristin Ziv. Absent: None. Also present: Village Manager Robert Bahan, Assistant to the Village Manager Megan Pierce, Village Attorney Peter M. Friedman, Community Development Director Mike D'Onofrio, Director of Water & Electric Brian Keys, and approximately 12 persons in the audience.
- 2) Pledge of Allegiance. President Greable led the group in the Pledge of Allegiance.
- 3) Quorum.
  - a) August 2, 2016 Regular Council Meeting. All of the Council members present indicated that they expect to attend.
  - b) August 9, 2016 Study Session. President Greable announced that this meeting has been cancelled.
  - c) August 16, 2016 Regular Council Meeting. All of the Council members present except Trustees Krucks and Lanphier indicated that they expect to attend.
- 4) Approval of the Agenda. President Greable removed Item 5(e) from the Consent Agenda for discussion under "New Business." Trustee Myers, seconded by Trustee Cripe, moved to approve the Agenda. By voice vote, the motion carried.
- 5) Consent Agenda
  - a) Village Council Minutes.
    - i) July 5, 2016 Regular Council Meeting.
  - b) Warrant List. Approving the Warrant List dated July 1-14, 2016 in the amount of \$1,570,073.36.
  - c) Resolution No. R-38-2016: 80 Green Bay Road, Certificate of Appropriateness for Building Alterations, Site Lighting & Signs (Adoption). Approval of a Certificate of Appropriateness for building alterations, lighting and signs at 80 Green Bay Road.
  - d) Resolution No. R-39-2016: Approval and Release of Closed Session Minutes (Adoption). Approval of minutes of Closed Sessions and authorization to destroy audio recordings of closed sessions held on or before January 19, 2015.
  - e) Outdoor Seating Permit Approval: Orrington Jewelers. This item was removed from the Consent Agenda for a separate discussion.

Trustee Myers, seconded by Trustee Krucks, moved to approve the foregoing items on the Consent Agenda by omnibus vote. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

6) Stormwater Report. None.

7) Ordinances and Resolutions.

- a) Ordinance No. M-9-2016: 657 Sheridan Road, Variations for Front Yard Setback and Garages (Introduction/Adoption). Mr. D’Onofrio reviewed this request for variations from setback and garages requirements in the Zoning Ordinance, to allow construction of a new single family home adjacent to a private road on a flag lot.

There were no comments or questions from the Council or the audience.

Trustee Krucks, seconded by Trustee Cripe, moved to waive introduction of Ordinance No. M-9-2016. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

Trustee Cripe, seconded by Trustee Myers, moved to adopt Ordinance No. M-9-2016. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

- b) Ordinance No. M-10-2016: 1088 Mt. Pleasant Road, Variations for Front and Rear Yard Setbacks (Introduction/Adoption). Mr. D’Onofrio reviewed this request for relief from front and rear yard setback provisions in the Zoning Ordinance for this legally nonconforming home also on a flag lot, in order to build a two-story addition.

There being no questions or comments from the Council or audience, Trustee Myers, seconded by Trustee Krucks, moved to waive introduction of Ordinance No. M-10-2016. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

Trustee Myers, seconded by Trustee Krucks, moved to adopt Ordinance No. M-10-2016. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

- c) Resolution No. R-40-2016; Approving a Contract with Fairbanks Morse Engine for Repairs to Diesel Generator #8 (Adoption). Mr. Keys explained that one of the Electric Plant’s two diesel engines has a cooling leak, which will require disassembly of the engine to repair. He requested authorization to repair the generator using parts and labor from the original equipment manufacturer, Fairbanks Morse Engine. The estimated cost of repairs is \$139,025.94, and the parts have a lead time of several months.

After Mr. Keys answered a few questions from the Council, Trustee Cripe, seconded by Trustee Myers, moved to adopt Resolution No. R-40-2016. By roll call vote, the motion carried. Ayes: Trustees Cripe, Krucks, Lanphier, Myers, Rintz and Ziv. Nays: None. Absent: None.

8) Public Comment. None.

9) Old Business. None.

10) New Business.

- a) Outdoor Seating Permit Approval: Orrington Jewelers. Manager Bahan reviewed this request for outdoor seating at Orrington Jewelers, for the use of its neighbor, Stacked & Folded. He noted that the owner of Café Aroma, has some questions about the request.

Mitra Ryndak, Café Aroma, 749 Elm. Ms. Ryndak asked for clarification on the rules governing outdoor seating and regulations pertaining to the provision of adequate bathroom space, and she requested that bike racks adjacent to her business be relocated, as they hamper the passage of pedestrians.

Manager Bahan explained that the Village works with outdoor permit holders to ensure satisfactory placement of tables to ensure passage for pedestrians. He added that seasonal seating is not taken into consideration for the number restrooms required.

The Council discussed dedicating a few parking spaces for outdoor seating as a trial practice during the warm weather months, and Manager Bahan said the bike racks would be relocated.

Trustee Myers, seconded by Trustee Lanphier, moved to approve an Outdoor Seating Permit for Orrington Jewelers. By voice vote the motion passed.

11) Appointments. None.

12) Reports.

- a) Village President. None.
- b) Trustees. None.
- c) Attorney. None.
- d) Manager. None.

13) Closed Session. None.

14) Adjournment. Trustee Cripe, seconded by Trustee Ziv, moved to adjourn the meeting. By voice vote, the motion carried. The meeting adjourned at 7:58 p.m.

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Deputy Clerk



## Agenda Item Executive Summary

**Title:** Approval of Warrant List

**Presenter:** Robert M. Bahan, Village Manager

**Agenda Date:** 08/02/2016

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input type="checkbox"/>            | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input checked="" type="checkbox"/> | Informational Only      |

### Item History:

None.

### Executive Summary:

The Warrant List dated July 15-28, 2016 was emailed to each Village Council member.

### Recommendation:

Consider approving the Warrant List dated July 15-28, 2016.

### Attachments:

None.



## Agenda Item Executive Summary

**Title:** Resolution: No. R-41-2016: Public Works Underground Storage Tank Removal and Replacement Project (Adoption)

**Presenter:** Steven M. Saunders, Director of Public Works/Village Engineer

**Agenda Date:** 08/02/2016

**Consent:**  YES  NO

<input type="checkbox"/>	Ordinance
<input checked="" type="checkbox"/>	Resolution
<input checked="" type="checkbox"/>	Bid Authorization/Award
<input type="checkbox"/>	Policy Direction
<input type="checkbox"/>	Informational Only

### Item History:

2016 budget item for the removal of a 10,000 gallon underground storage tank replacing with (2) 6,000 gallon tanks at the Public Works Facility.

### Executive Summary:

Due to the age and condition of the existing 10,000 gallon underground storage tank (UST) located at the Public Works fueling station, the Village in 2016 budgeted for the removal and replacement of this tank and respective appurtenances. A Request for Proposal was issued on June 23 seeking bids from qualified contractors for the removal and replacement of the existing 10,000 gallon UST.

The Contractor shall provide all labor, materials, and equipment necessary to remove and replace the existing 10,000 gallon steel underground fuel storage tank with two fiberglass 8 foot diameter, double wall 6,000 gallon fuel tanks. The contractor will also replace the fuel island complete with fuel dispensers and connections to the existing fuel alarm and management systems. An enclosure on the island is to be provided for the fuel management system along with concrete pavement replacement. The contractor shall also furnish all permits required by the Office of the State Fire Marshall and the IEPA.

On July 14 bids were opened for this project, the Village received a total of three bids. The Village's Engineering consultant (Huff & Huff) evaluated the proposals and verified references and is recommending awarding the contract to Crown Industries for an amount not to exceed \$243,790; The Village budgeted \$230,000 in the 2016 budget (100.30.01-620) for the proposed work. Due to the slight increase in the proposals received staff is recommending to make up the difference (-\$13,790) by reallocating a portion of the \$100,000 (100.30.01-620) budgeted in 2016 for the "Public Works parking Lot BMP grant project." The Village did not receive the grant for this project making these funds available to assist with this project.

### Recommendation:

Consider approving Resolution No. R-41-2016 awarding a contract to Crown Industries, Inc. for the removal and replacement of the existing underground storage tank for amount not to exceed \$243,790

### Attachments:

1. Resolution No. R-41-2016
2. Copy of Bid Tabulation
3. Copy of Proposal from Crown Industries
4. Letter of Recommendation from Huff and Huff

**RESOLUTION NO. R-41-2016**

**A RESOLUTION APPROVING A CONTRACT WITH  
CROWN INDUSTRIES FOR STORAGE TANK REPLACEMENT**

**WHEREAS**, Article VII, Section 10 of the 1970 Illinois Constitution authorizes the Village of Winnetka (“*Village*”) to contract with individuals, associations, and corporations in any manner not prohibited by law or ordinance; and

**WHEREAS**, the Village has appropriated funds for the procurement of the work necessary to replace an underground storage tank located at the Public Work’s fueling station (“*Work*”); and

**WHEREAS**, the Village requested bids for performance of the Work; and

**WHEREAS**, the Village received three bids for the Work and opened the bids on July 14, 2016; and

**WHEREAS**, pursuant to Chapter 4.12 of the Village Code and the Village’s purchasing manual, the Village Council has determined that Crown Industries (“*Contractor*”), is the lowest responsible bidder for the Work; and

**WHEREAS**, the Village Council desires to enter into a contract with Contractor for the performance of the Work in an amount not to exceed \$243,790.00 (“*Contract*”); and

**WHEREAS**, the Village Council has determined that it is in the best interests of the Village and its residents to enter into the Contract with Contractor;

**NOW, THEREFORE, BE IT RESOLVED**, by the Council of the Village of Winnetka, Cook County, Illinois, as follows:

**SECTION 1: RECITALS.** The Village Council hereby adopts the foregoing recitals as its findings, as if fully set forth herein.

**SECTION 2: APPROVAL OF CONTRACT.** The Village Council hereby approves the Contract in substantially the form attached to this Resolution as **Exhibit A** and in a final form approved by the Village Attorney.

**SECTION 3: AUTHORIZATION TO EXECUTE CONTRACT.** The Village Council hereby authorizes and directs the Village President and the Village Clerk to execute and attest, respectively, on behalf of the Village, the final Contract.

**SECTION 4: EFFECTIVE DATE.** This Resolution shall be in full force and effect from and after its passage and approval according to law.

[SIGNATURE PAGE FOLLOWS]

August 2, 2016

**R-41-2016**

**ADOPTED** this 2nd day of August, 2016, pursuant to the following roll call vote:

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

Signed

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

Countersigned:

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

**EXHIBIT A**  
**CONTRACT**

**CONTRACT**

THIS CONTRACT entered AUGUST 2<sup>nd</sup>, 2016 between THE VILLAGE OF WINNETKA, ILLINOIS, and CROWNE INDUSTRIES (Contractor) WITNESSETH:

In consideration of the mutual agreements herein contained, the parties agree as follows:

- A. The Contractor agrees to furnish all of the labor, material, tools and apparatus needed to perform the Work described in Village of Winnetka RFB #016-015 Public Works UST Removal and Replacement.
- B. The Village agrees to pay the Contractor for the Contractor's performance according to the Payment Schedule set forth in the Specifications.
- C. This Contract consists of all of the Contract Documents including all attachments and exhibits to these Specifications, Proposal & Contract Documents for RFB #016-015 Public Works UST Removal and Replacement, which attachments and exhibits are made a part hereof by reference
- D. The Contractor agrees to furnish all required bonds and insurance certificates within fourteen (14) days after receiving this executed contract.

IN WITNESS WHEREOF, the parties have signed this Contract \_\_\_\_\_, 20 \_\_\_\_.

VILLAGE OF WINNETKA, ILLINOIS (VILLAGE)

BY \_\_\_\_\_ (Village President)

ATTEST \_\_\_\_\_ (Clerk)

IF CORPORATION

( \_\_\_\_\_ (Contractor)

(

(BY \_\_\_\_\_ (President)

(

(ATTEST \_\_\_\_\_ (Secretary)

IF PARTNERSHIP

( \_\_\_\_\_ (Contractor)

(

( \_\_\_\_\_ (Contractor)

(Partners doing business under the firm name of:

(

( \_\_\_\_\_

IF INDIVIDUAL

( \_\_\_\_\_ (Contractor)

**2016 VILLAGE UNDERGROUND STORAGE TANK REMOVAL & REPLACEMENT**

**DATE: 7/14/2016**

			<b>CROWN INDUSTRIES</b> 651 S. SUTTON ROAD, #214 STREAMWOOD, IL 60107	<b>ACCURATE TANK CONSTRUCTION</b> 204 POPLAR PLACE NORTH AURORA, IL 60542	<b>STENSTROM PETROLEUM SERVICES</b> 2422 CENTER STREET ROCKFORD, IL 61108
	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>PRICE</b>	<b>PRICE</b>	<b>PRICE</b>
1	UST REMOVAL & REPLACEMENT	LUMP SUM	\$243,790.00	\$325,950.00	\$346,903.00
2	ADDITIONAL COST FOR REMOVAL & DISPOSAL OF CONTAMINATED GROUNDWATER	PER GALLON	\$0.65	\$1.00	\$0.50
3	ADDITIONAL COST FOR REMOVING & DISPOSING OF CONTAMINATED SOIL	PER CUBIC YARD	\$65.00	\$64.00	\$75.00
4	ADDITIONAL COST FOR REMOVING & REPLACING EXISTING PAVEMENT WITH CONCRETE PAVEMENT	PER SQUARE YARD	\$133.00	\$115.00	\$165.00
5	ADDITIONAL COST FOR FURNISHING AND PLACING ADDITIONAL BACKFILL	PER CUBIC YARD	\$41.00	\$34.00	\$20.00
<b>TOTAL CONTRACT PRICE FOR UST REMOVAL &amp; REPLACEMENT (AS CALCULATED)</b>			<b>\$243,790.00</b>	<b>\$325,950.00</b>	<b>\$346,903.00</b>
<b>TOTAL CONTRACT PRICE FOR UST REMOVAL &amp; REPLACEMENT (AS READ)</b>			<b>\$243,790.00</b>	<b>\$325,950.00</b>	<b>\$346,903.00</b>

NOTES:



environmental engineers  
and consultants

915 Harger Road, Suite 330  
Oak Brook, IL 60523  
Phone (630) 684-9100  
Fax (630) 684-9120  
Website: <http://huffnhuff.com>

July 21, 2016

Mr. James J. Bernahl, P.E., CFM  
Assistant Director of Public Works & Engineering  
Village of Winnetka  
1390 Willow Road  
Winnetka, IL 60093

Re: Underground Storage Tank Removal & Replacement  
Bid Recommendation

Dear Mr. Bernahl:

Bids were received and publicly opened on July 14 2016, for the Public Works Facility Underground Storage Tank Removal and Replacement project. The project consists of removing an existing 10,000 gallon single wall steel fuel tank and replacing it with two 6,000 gallon double wall fiberglass fuel tanks. Included with the work are the fuel island replacement along with concrete pavement replacement. The project was advertised on the Village's website and ten contractors were directly sent a Notice to Bidders.

The bids are as follows:

UST Removal & Replacement

Crowne Industries Streamwood, IL	\$243,790.00
Accurate Tank North Aurora, IL	\$325,950.00
Stenstrom Petroleum Service Group Rockford, IL	\$346,903.00

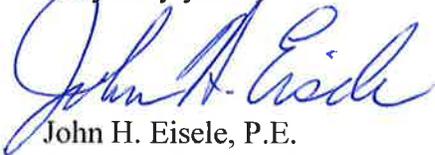
The engineer's estimate for the UST Replacement project is \$239,700.

Four references submitted by Crowne Industries were contacted regarding recently performed work similar to this project for other municipalities. Each reference said that excellent work had been performed in a timely manner and that they would hire the Contractor again for similar work. In addition, Huff & Huff observed two recent projects performed by Crowne Industries for the Village of Oak Brook which included fuel tank replacement, fuel dispenser replacement and concrete work. All work was done in a satisfactory and timely manner.

Therefore it is recommended that Crowne Industries be awarded the Underground Storage Tank Removal and Replacement project in the amount of \$243,790.00.

Please contact me at 630-684-4431, if you have any questions.

Very truly yours,



John H. Eisele, P.E.  
Senior Project Engineer



## Agenda Item Executive Summary

**Title:** Purchase of Police Vehicle

**Presenter:** Patrick Kreis, Chief of Police

**Agenda Date:** 08/02/2016

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input type="checkbox"/>            | Resolution              |
| <input checked="" type="checkbox"/> | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

The Police Department is equipped with a fleet of vehicles manufactured by both Chrysler / Dodge and Ford Motor Companies. The vehicles purchased for patrol use are typically designed with special police package options to increase their suitability and reliability. The typical lifespan of these vehicles is 85,000 police duty miles.

### Executive Summary:

The department maintains a mixed-fleet of marked patrol vehicles rather than purchase all of one type of vehicle. A mixed-fleet enables more flexibility and safeguards against manufacturing disruptions and recalls.

For this replacement, the department is seeking to purchase a 2017 Ford Expedition XL. The vehicle is equipped with 4x4 drive capability and other features making it particularly well suited as a police patrol supervisor vehicle.

The new vehicle will replace a 2010 Ford Expedition currently used as the patrol supervisor vehicle.

The Ford Expedition is available through the Suburban Purchasing Cooperative specified to the needs of the department for \$32,978.00. This amount is within the current year's budget.

### Recommendation:

Consider approving purchase of a 2017 Ford Expedition for \$32,978.00.

### Attachments:

- Purchase Request Memorandum
- Northwest Municipal Conference, Suburban Purchasing Agreement Award Letter



# A Joint Purchasing Program For Local Government Agencies

September 8, 2015

Mr. Brian Kilduff  
Fleet Manager  
Roesch Ford  
333 W. Grand Avenue  
Bensenville, IL 60106

Dear Mr. Kilduff

This letter is to inform you that the Suburban Purchasing Cooperative's Governing Board has approved the award of SPC Contract #151 for the 2016 Ford Expedition XL 4 Door 4x4 Vehicle plus Option Packages and Other Options to Roesch Ford, Bensenville, IL based on your response being found to be in compliance with all bid specification requirements.

With acceptance of this contract, Roesch Ford, Bensenville, IL agrees to all terms and conditions set forth in the specifications contained within the Request for Proposals to which you responded.

Roesch Ford, Bensenville, IL will handle all billing. Each vehicle purchased will be assessed a \$100.00 administrative fee per vehicle which shall be paid directly by the vendor to the SPC on a quarterly basis.

The SPC looks forward to another productive year working with Roesch Ford, Bensenville, IL. Please sign and date this agreement below, retaining copies for your files and returning the original to my attention. The duration of the contract is September 8, 2015 through September 7, 2016. The SPC reserves the right to extend this contract for up to (3) three additional one-year terms upon mutual agreement of the both the vendor and the SPC on a negotiated basis.

Sincerely,

Ellen Dayan, CPPB  
Program Manager for Purchasing  
Northwest Municipal Conference

09/08/2015

Name: Ellen Dayan Date  
Northwest Municipal Conference

9-8-2015

Name: Brian Kilduff Date  
Roesch Ford

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

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

*South Suburban Mayors And Managers Association*  
1904 West 174<sup>th</sup> Street  
East Hazel Crest, IL 60429  
Ed Paesel  
Phone: (708) 206-1155  
Fax: (708) 206-1133

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

**2016 FORD EXPEDITION XL**

**4-DOOR 4X4**

**CONTRACT # 151**



**ROESCH FORD COMMERCIAL TRUCK CENTER**

**Brian Kilduff**

**[briankilduff@roeschtrucks.com](mailto:briankilduff@roeschtrucks.com)**

**630-279-6000 x2245**

**[www.roeschford.com](http://www.roeschford.com)**

**STANDARD EQUIPMENT****MECHANICAL**

- Axle
  - Non-Limited-slip 3.15 (4x2 Non EL)
  - Non-Limited-slip 3.31 (4x4 Non EL & 4x2 EL)
  - Limited-slip 3.73 (4x4 EL)
- Brakes – 4-Wheel Disc (ABS)
- Engine – 3.5L V6 EcoBoost®
- Steering – Electric Power-Assist Steering (EPAS)
- Suspension – Multilink Independent Rear
- Transmission – 6-Speed Auto w/SelectShift®

**SAFETY/SECURITY**

- AdvanceTrac® w/RSC® (Roll Stability Control™)
- Airbags
  - Safety Canopy® (Incl. 3<sup>rd</sup> Row)
  - Side-Impact
- Child-Safety Locks – Rear
- Keyless-Entry
  - Remote
  - SecuriCode™ (Keypad)
- LATCH (Lower Anchors & Tethers for Children) system
- Lighting – Illuminated Entry w/Approach Lamps
- Perimeter Alarm
- Seat belt pre-tensioners, Load limiting retractors, dual-stage front airbags, driver seat position sensing & crash severity sensing
- Security – SecuriLock® Passive Anti-Theft System (PATS)
- SOS Post-Crash Alert System™
- Tire Pressure Monitoring System (TPMS)
- Traction Control (Brake Assist & Engine Braking)

**EXTERIOR**

- Bumpers – Mold-In-Color, Black
- Door Handles – MIC Black
- Exhaust – Single, Chrome-Tipped
- Glass – Solar-Tinted Front/Rear Privacy Glass
- Grille – Chrome Outer / MIC Black Inner (Black Outer SSV Pkg.)
- Headlamps – Quad Beam Reflector w/Blackout Treatment
- Lighting – Halogen (Round) Fog Lamps
- Mirrors
  - MIC Black, Power, Heated
  - Puddle Lamps
- Roof Rack – Black Side Rails w/Black Crossbars
- Running Boards – Platform – Black (Opt. with SSV Pkg.)
- Skid Plate (4x2 – Front Skid Plate)
- Trim – Mold-In-Color, Black
- Wheels/Tires – 17" Aluminum Wheels (265/70R17 AT OWL)

**INTERIOR/COMFORT**

- Center Console – Large Floor Storage, Transmission Shifter, Coin Holder, (2) Headphone Jacks and Pen/Pencil Holder
- Climate Control – Manual w/Rear Auxiliary Controls
- Coat Hooks – (2) 2<sup>nd</sup> Row, (2) 3<sup>rd</sup> Row
- Cupholders – (4) 1<sup>st</sup> Row, (2) 2<sup>nd</sup> Row, (3) 3<sup>rd</sup> Row
- Door-Locks – Power w/AutoLock
- Floor Mats – 1<sup>st</sup> and 2<sup>nd</sup> Row
- Grab Handles – 1<sup>st</sup> Row, 2<sup>nd</sup> Row and Liftgate

**INTERIOR/COMFORT (continued)**

- Lighting
  - Delayed Accessory Lighting
  - Dome Lamp – 1<sup>st</sup> Row and Cargo
  - Illuminated Door-Switches
  - Reading Lamps – 1<sup>st</sup> Row
- Overhead Console w/Sunglass Holder and Conversation Mirror
- Rear Cargo Area – Cargo Management System (EL Only)
- Rearview Mirror – Electrochromic w/display screen
- Seats
  - Cloth
  - 1<sup>st</sup> Row – 6-way Power Driver's Bucket Seat with Manual Recline and Manual Lumbar
  - 1<sup>st</sup> Row – Manual Passenger Bucket Seat (2-Way)
  - 2<sup>nd</sup> Row – 40/20/40 (CenterSlide®) w/Recline
  - 3<sup>rd</sup> Row – Fold-Flat 60/40 (EL)
- Steering Wheel
  - Leather
  - Manual tilt/telescoping
- Storage
  - 3<sup>rd</sup> Row Bins (Non EL)
  - Glove Box
- Sun visors w/Dual Illuminated Mirrors
- Windows – Power – Driver 1-Touch Up/Down

**FUNCTIONAL**

- Audio
  - AM/FM Single-disc CD/MP3 player
  - 6 Speakers
  - Input Jack
- Cruise Control
- Easy Fuel® (Capless Refueling)
- Headlamps
  - AutoLamp<sup>1</sup>
  - Rain lamps
- Hill Descent Control™ (4x4 Only)
- Hill Start Assist
- Instrument Cluster
  - Message Center
  - Tachometer
  - Trip Odometer
  - Outside Temperature Display
- MyKey®<sup>2</sup>
- Neutral Tow w/Front Tow Hooks – (4x4 only)
- Powerpoints – (1) 1<sup>st</sup> Row (1) 2<sup>nd</sup> Row Center Console (1) Cargo Area
- Rearview Camera
- Trailer Sway Control
- Trailer Tow – Integrated Class IV w/4-pin connector
- Windows – Rear Defroster
- Windshield Wipers – Intermittent Front & Rear

<sup>1</sup> Autolamp feature not offered on XL 100A & 102A Series<sup>2</sup> MyKey® feature for 100A & 102A only offers speed restriction option

**SUBURBAN PURCHASING COOPERATIVE  
 CONTRACT # 151  
 2016 FORD EXPEDITION XL 4-DOOR 4X4  
 PRICING WORKSHEET**

DEALER AGREES TO FURNISH PRICE/TOTAL BID AS SPECIFIED WITH ALL STANDARD EQUIPMENT

**2016 MY EXPEDITION XL 4-DOOR 4X4 - BASE VEHICLE (100A)      \$32,059.00**

<input type="checkbox"/>	EL SERIES	\$4,550.00
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<input type="checkbox"/>	<b>EQUIPMENT GROUP OPTIONS</b>	
<input type="checkbox"/>	101A	\$1,425.00
	~ SYNC WITH MY FORD ENHANCED VOICE RECOGNITION COMMUNICATION AND ENTERTAINMENT SYSTEM ~ SIRIUS XM SATELLITE RADIO (NOT AVAILABLE IN ALASKA OR HAWAII) ~ AM/FM SINGLE-CD/SINGLE 4.2" INSTRUMENT CLUSTER / 4.2" CENTER STACK W/REAR VIEW CAMERA ~ SINGLE-ZONE ELECTRONIC AIR TEMPERATURE CONTROL (EATC) W/REAR AUX CONTROL ~ COMPASS ~ SELECT SHIFT AUTOMATIC TRANSMISSION WITH PROGRESSIVE RANGE SELECT ~ SEATS, 3rd ROW 60/40 MANUAL BENCH, CLOTH	
<input checked="" type="checkbox"/>	102A	-\$1,425.00
	SSV PACKAGE ~ 17" STEEL WHEEL (265/70R17 AT OWL) ~ CLOTH 1st ROW / VINYL 2nd ROW SEATING ~ 3rd ROW SEATING DELETE WITH COVER/END CAP ~ COLUMN SHIFTER AND FLOOR CONSOLE DELETE ~ DOOR HANDLES MOLD-IN-COLOR, BLACK GRILLE, 4X4 SKID PLATES ~ VINYL FLOOR COVERING ~ 3.73 REAR-AXLE, LIMITED-SLIP ~ LESS RUNNING BOARDS ~ 4X4 SKID PLATES (FRONT, TRANSFER CASE AND FUEL TANK) ~ FRONT TOW HOOKS ~ 3rd ROW STORAGE BINS	

<input checked="" type="checkbox"/>	<b>OPTIONS - POWERTRAIN</b>	
	ENGINE 3.5L V6 ECOBOOST STANDARD	\$0.00
	3.5L V6 6-ECOBOOST SPEED AUTOMATIC W/OD	STD
<input checked="" type="checkbox"/>	X3L 3.73 REAR-AXLE, LIMITED SLIP (ALL NON EL & 4X2 EL)	\$279.00

<input checked="" type="checkbox"/>	<b>AVAILABLE EXTERIOR OPTIONS</b>	
<input checked="" type="checkbox"/>	536	\$489.00
	HEAVY-DUTY TRAILER TOW PACKAGE ~ CLASS IV TRALER HITCH RECEIVER ~ WIRING HARNESS W/4 & 7 PIN CONNECTION ~ HEAVY-DUTY AUXILIARY TRANSMISSION OIL COOLER ~ HEAVY-DUTY RADIATOR ~ ELECTRONIC BRAKING WIRING KIT ~ INTEGRATED TRAILER BRAKE CONTROLLER	
<input checked="" type="checkbox"/>		\$0.00
	WHEELS 17" PAINTED ALUMINUM STANDARD	
<input checked="" type="checkbox"/>		\$625.00
	RUNNING BOARDS	
<input checked="" type="checkbox"/>	41K	\$87.00
	4X4 SKID PLATES (FRONT, TRANSFER CASE AND FUEL TANK)	

<input checked="" type="checkbox"/>	<b>PACKAGE OPTIONS</b>	
<input checked="" type="checkbox"/>	50F	\$345.00
	FLEET CONVENIENCE PACKAGE	

52m Built in Bluetooth      \$ 255.00

AVAILABLE DEALER INSTALLED OPTIONS		
<input checked="" type="checkbox"/>		6" UNITY SPOT LIGHT \$525.00
<input type="checkbox"/>	153	LICENSE PLATE BRACKET \$0.00
<input type="checkbox"/>	43D	DAYTIME RUNNING LIGHTS \$39.00
<input type="checkbox"/>	41H	ENGINE BLOCK HEATER \$30.00
<input type="checkbox"/>		RUST PROOFING \$275.00
<input type="checkbox"/>		2016 SERVICE MANUAL ON CD FOR WINDOWS \$275.00
<input type="checkbox"/>		TRANSFER PLATES \$120.00
<input type="checkbox"/>		UNDERCOATING \$275.00
<input checked="" type="checkbox"/>		LICENSE AND TITLE "M" PLATES (NEW) \$105.00

INTERIOR SEAT OPTIONS		
<input type="checkbox"/>	875	3RD ROW 60/40 MANUAL BENCH, CLOTH \$764.00
<input type="checkbox"/>		FRONT BUCKET SEATS W/ 40/20/40 SPLIT 2nd ROW SEAT (5 PASS) \$0.00
<input type="checkbox"/>		~ EBONY/DUNE STANDARD
<input type="checkbox"/>		ACCENT COLOR MOLDED IN COLOR BLACK STANDARD \$0.00
<input type="checkbox"/>	51R	ALL WEATHER FLOOR MATS (RPO) \$66.00

EXTERIOR PAINT COLORS		
<input checked="" type="checkbox"/>	G1	SHADOW BLACK \$0.00
<input type="checkbox"/>	H7	BRONZE FIRE \$0.00
<input type="checkbox"/>	J7	MAGNETIC \$0.00
<input type="checkbox"/>	JW	GREEN GEM \$0.00
<input type="checkbox"/>	N1	BLUE JEANS \$0.00
<input type="checkbox"/>	PQ	RACE RED \$0.00
<input type="checkbox"/>	RR	RUBY RED METALLIC TINTED CLEAR COAT \$345.00
<input type="checkbox"/>	UX	INGOT SILVER \$0.00
<input type="checkbox"/>	Z1	OXFORD WHITE \$0.00

OPTIONS - WARRANTY		
<input type="checkbox"/>		6 YEAR 100,000 - PREMIUMCARE \$2,595.00
<input type="checkbox"/>		6 YEAR 75,000 - POWERTRAIN \$1,695.00

DELIVERY		
<input type="checkbox"/>		WITHIN 50 MILES OF DEALERSHIP \$0.00
<input type="checkbox"/>		GREATER THAN 50 MILES OF DEALERSHIP \$100.00

VEHICLE TOTAL PRICE \$ 32,978<sup>00</sup>

QUANTITY 1

ORDER TOTAL \$ 32,978<sup>00</sup>

Please enter the following:

Agency Name & Address Village of Winnetka  
510 Green Bay Rd.  
Winnetka, IL 60093

Contact Name Sgt. Karl Larson #407

Phone Number 847. 716. 3407

Purchase Order Number \_\_\_\_\_

Total Dollar Amount \_\_\_\_\_

Total Number of Units \_\_\_\_\_

Delivery Address \_\_\_\_\_

Please Submit P.O. & Tax Exempt Letter with Vehicle Order:

**Roesch Ford Commercial Truck Center**  
**333 W. Grand Ave.**  
**Bensenville, IL 60106**  
**Phone: (630)279-6000**  
**Fax: (630)451-3509**  
**Contact:**  
**Brian Kilduff [briankilduff@roeschtrucks.com](mailto:briankilduff@roeschtrucks.com)**  
**Fred Seng [fredseng@roeschtrucks.com](mailto:fredseng@roeschtrucks.com)**  
**Patti Ferrarini [pattiferrarini@roeschtrucks.com](mailto:pattiferrarini@roeschtrucks.com)**

If We Have Missed An Option, Please Contact Our Office.



## Agenda Item Executive Summary

**Title:** Stormwater Report - July 2016 Flood Event

**Presenter:** Steven M. Saunders, Director of Public Works/Village Engineer

**Agenda Date:** 08/02/2016

**Consent:**  YES  NO

Ordinance  
 Resolution  
 Bid Authorization/Award  
 Policy Direction  
 Informational Only

### Item History:

In the evening hours of July 23, the Village of Winnetka was impacted by a severe wind and rain storm that produced 4.97 inches of rain in about 6 hours. The Village responded to over 440 service calls – including 911 calls – during and immediately following the storm. These calls dealt with a variety of issues, including tree damage, power outages, stranded motorists, fire and burglar alarms triggered by the storm, and widespread flooding of streets and basements. The Fire Department responded to two house fires – one in Winnetka and one in Kenilworth – caused by lightning strikes, and there were numerous trees and branches felled by the wind, leading to power outages affecting approximately 581 customers.

### Executive Summary:

The attached report outlines the details and nature of the storm and the Village's response, identifies some already-implemented projects that worked as designed, and discusses areas where additional improvements are needed.

The report also outlines ongoing activities in the Village's efforts to secure partnership and cooperation with the Cook County Forest Preserve District as outlined in Strand Associates' Final Concept Report, as well as discussing Strand's review of project phasing to identify possible projects or sub-projects that could be rapidly implemented to bring at least partial relief to areas of the Village.

Finally, the report contains a recommendation that the Village consider re-instating the unfunded Sewer Backup Prevention Program, a cost-sharing program under which the Village can partner with individual homeowners to install anti-backup devices or overhead sewer systems to guard against basement sewer backups.

### Recommendation:

1. Review informational report.
2. Consider a motion authorizing expenditure of \$50,000 on the Sewer Backup Prevention Program as authorized in Section 15.24 of the Village Code.

### Attachments:

1. Agenda Report
2. Sewer Backup Prevention Program Brochure

## Agenda Report

**Subject:** Stormwater Report – July 2016 Flood Event

Prepared By: Steven M. Saunders, Director of Public Works/Village Engineer

Date: July 27, 2016

### Description of the Storm and How the Rainfall Was Managed

1. What happened? In the evening hours of July 23, 2016, Winnetka was impacted by a severe wind and rain storm that produced 4.97 inches of rain in about 6 hours. A Cook County Precipitation Network rain gauge located in southwestern Winnetka recorded 2.73 inches of rain between 5:50 p.m. and 7:10 p.m., and an additional 2.04 inches between 9:40 p.m. and 11:00 p.m. The rain finally ceased at around 1:10 a.m. In addition to the heavy rain, there was frequent lighting accompanied by strong winds.

The Village received over 440 service calls – including 911 calls – during and immediately following the storm. These calls dealt with a variety of issues, including tree damage, power outages, stranded motorists, fire and burglar alarms triggered by the storm, and flooding of streets and basements. The Fire Department responded to two house fires – one in Winnetka and one in Kenilworth – caused by lightning strikes. Trees and branches felled by the wind led to power outages affecting approximately 581 customers.

Staff members were brought in beginning on Saturday. Extra hands were also required in our Police Department to handle the high volume of emergency and non-emergency calls. Throughout the storm and its immediate aftermath, Staff members were in the field assessing conditions, assisting residents in need, cleaning-up damage, and monitoring the functionality of our existing stormwater infrastructure. A Village-wide communication was sent out on the afternoon of July 24 to inform residents about the storm impact and request them to submit documentation of any flooding experience. The photos and narratives we have received will help to confirm and/or update the flooding models created by our consultants to-date.

Since the storm, the Village has been responding to resident inquiries and comments, collecting flood-damaged materials, and cleaning up and repairing flood-impacted infrastructure and equipment. To assist residents, additional and free debris clean-up is being offered through the end of this week.

2. How does our system work? With the exception of a narrow strip along Green Bay Road, Winnetka is a separate-sewer community, meaning that there are two separate sewer systems. The storm sewer system collects stormwater runoff from streets and yards, downspouts, and sump pump discharges, while the sanitary sewer system collects wastewater from interior plumbing systems.

The Village's storm sewers drain either to the Skokie River and its tributary, the East Diversion Ditch, or to Lake Michigan. Although the two watersheds are generally divided by the Union Pacific Railroad tracks, an area around North Shore Country Day School does drain east under the railroad towards Lake Michigan.

The Village's sanitary sewers drain to a network of intercepting sewers operated by the Metropolitan Water Reclamation District of Greater Chicago ("MWRD"). These intercepting sewers convey wastewater to the North Side Treatment Plant at Howard Street and McCormick Boulevard in Skokie, where it is treated and discharged to the North Shore Channel and, ultimately, to the North Branch of the Chicago River.

3. What about the Wilmette Locks? If there is a most frequently asked question received by staff, it is: "Have the Wilmette Locks been opened yet?" or some variant thereof. The "locks" at Wilmette Harbor actually refers to a 32-foot gate mechanism that operates as a level control on the North Shore Channel. In its normal closed configuration, this gate prevents treated or partially treated sewage from flowing into Lake Michigan, instead directing wastewater and stormwater south into the North Branch of the Chicago River. When the gate is opened, a combination of wastewater and stormwater is directly discharged to Lake Michigan.

According to the MWRD, the primary purpose of opening this gate is to prevent overbank flooding on the North Shore Channel and the North Branch of the Chicago River, by allowing a second outlet for the channel. Shortly after midnight, the MWRD notified the Village that the gate was opened. This was done to prevent serious overbank flooding along the Channel and the North Branch of the Chicago River.

Opening the gate at the Wilmette Locks does not affect either the level of Lake Michigan or the level of the Skokie River, meaning that the Village's storm sewer systems are completely independent of this gate. Because of the complexity of the Village's 43 separate connections to several different MWRD intercepting sewers, it is less clear whether this operation has any effect on the operation of the Village's sanitary sewer system.

4. Projects completed to-date. Following is a description of the projects the Village has completed to-date as part of the Stormwater Management Program. A more complete history of stormwater infrastructure evaluations and Council action can be found on the Village website at: <http://www.villageofwinnetka.org/residents/stormwater-management/council-action/>.

- **Winnetka Avenue Pump Station** – A Cook County Forest Preserve ditch that enters the Skokie River is the main discharge point for storm sewers in western Winnetka. However, in heavy rains, river waters rise above the ditch and Winnetka's water must be evacuated via pumping. The new pump station, completed in August, 2014, increases the pumped discharge capacity by 50 percent and improves flow in existing upstream storm sewers.

- **Ash Street Pump Station** – In September of 2015, the Village finished work to completely replace the dated pump station at Ash Street and Hibbard Road. The new facility includes new, larger pumps that are sized more properly to feed the nearby discharge point.
- **Northeast Winnetka**
  - *Lloyd Outlet* – The Village completed its first stormwater management program project back in December, 2013, when it separated the large Spruce Street stormwater outlet into two distinct drainage areas. This project is reducing flooding from Maple Street south to approximately Spruce Street.
  - *Tower Relief Sewer* – In September, 2014, the Village installed a new relief sewer along Old Green Bay Road to alleviate flooding along Spruce Street east to Lake Michigan and along Tower Road east of Old Green Bay Road.
- **Northwest Winnetka** – Delivering flood relief to Northwest Winnetka homeowners required constructing a brand new, large-diameter storm sewer system under Tower Road, Grove Street, Edgewood Lane, and Forest Glen Drive. The stormwater is now conveyed to the Tower Road lagoon located on Cook County Forest Preserve property, south of Tower Road and west Heather Lane. This project was funded in part by the Metropolitan Water Reclamation District (MWRD). The Village applied for and received a \$2 million funding commitment from the MWRD to offset construction costs.

5. What worked? Last year, the Village completed a major storm sewer improvement in northwestern Winnetka in the Forest Glen, Tower, Greenwood, Grove, and Edgewood neighborhoods. These areas, which would typically experience street and structure flooding in a rain like this, reported no such flooding. In fact, staff received three calls or e-mails that expressed thoughts similar to the following: *“There is no more flooding in front of my house (lowest point on Tower Rd.) thanks to the excellent sewer project that was completed last year. IT REALLY WORKS. The heavy rain we had last week would have put the street, our driveway and front yard under water. We didn't even know we had a heavy rain. A miracle, thanks for all that you and your staff has done to correct the problem.”*

The Village operates stormwater pumping stations at Tower Road, Sunview Lane, Ash Street, Mt. Pleasant Street, Evergreen Lane, and Winnetka Avenue. None of these pump stations lost electrical service during or after the storm, and based on staff observations and on pump hour meters, each of the pump stations functioned during and after the storm. The improved Winnetka Avenue pump station functioned as designed, lowering the level of the main outlet ditch by Sunday morning, with assistance from additional dedicated pumping, allowing tributary systems to quickly drain out. The Ash Street Pump Station capacity and reliability upgrades also functioned as designed, running throughout the storm. Recall that in previous events in 2011 and 2013, this pump station failed due to

reliability and clogging issues, extending the duration of flooding in the Ash-Cherry-Oak area. While this area did not fully drain until early- to mid-afternoon after the storm, the improved reliability and capacity of this pump station reduced the duration of flooding, especially after the Hibbard Road system cleared.

5. What didn't work? Portions of the recent northeast Winnetka improvements along Tower Road, Old Green Bay Road, Tower Manor, as well as the Lloyd Park outlet, worked well and reduced or eliminated flooding, especially on Tower Manor, but there were still a few properties on the north side of Tower Road in the project area that experienced overland flooding. Village staff and the project design engineer are reviewing these improvements and the experience of affected homeowners to understand what factors contributed to this lingering flooding in these areas.

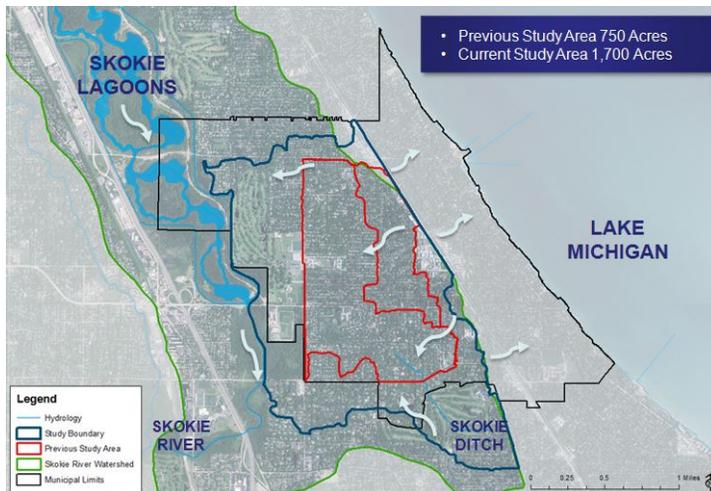
While the Village has completed sanitary sewer repairs, lining, and manhole improvements in eight sewer basins that experienced high numbers of basement sewer backups in the 2011 storm, the number of backups that were reported last week indicates that there are still areas where sanitary sewer backups are occurring. Since the completion of the *Sanitary Sewer Evaluation Survey – Flow Monitoring Study* performed by Strand Associates in 2012, the Village has implemented various improvements. Below is a summary of the sanitary sewer projects the Village has completed since the 2011 event:

- 2013 - Entered into a contract with Baxter and Woodman to perform smoke testing and external home inspections (performed during the smoke testing) in those areas of town noted by the Strand Report as having the highest priority of I/I entering the system. These areas included mostly southeast and southwest sections of the Village.
- 2013 – 2016 The Village's annual sewer relining program has an annual budget of \$150,000. Locations throughout the Village are chosen based on their priority in the 2012 Strand Report, as well as staff closed-circuit television (CCTV) investigations. Since 2012 the Village has relined approximately 16,500 LF feet of sanitary sewer lines of various diameter.
- Public Works staff has performed increased CCTV inspections of manholes and the sewer system (ongoing annually).
- Late 2014/early 2015 - Staff sent letters to homeowners whose property showed indicated of illegal connections to the sanitary sewer (i.e. window wells, downspouts, yard drains, etc.). Staff met with homeowners and recommended corrective measures to ensure the disconnection of these illegal connections and performed detailed home inspections to ensure compliance.
- 2014-2015 – Performed Sanitary Sewer Manhole Rehabilitation Project. Internal relining of 169 sanitary sewer manholes; replacement of 60 manhole covers; and installation of internal chimney seals to prevent water from entering the system via the frame and cover.
- 2015 - The Village improved the sanitary sewer lift station at Ash Street to improve reliability and pumping volume.

In addition to sanitary sewer backups, there are still many areas of the Village where potential flood reduction improvements have been identified by consultants Baxter & Woodman, and Christopher B. Burke, but these improvements have not been programmed into the Village’s long-term capital plan. These areas include additional portions of eastern and central Winnetka. Significant street and property flooding occurred in these locations. Staff suggests that in light of the areas that experienced significant flooding, it may be an appropriate time to revisit the Village’s Stormwater Master Plan and discuss any re-prioritization of recommended projects. It would not require advancing any improvements ahead of the Strand Concept Vision, but as we approach the annual budget process, future planned projects could be programmed into the Capital Budget for further vetting and long term revenue forecasting.

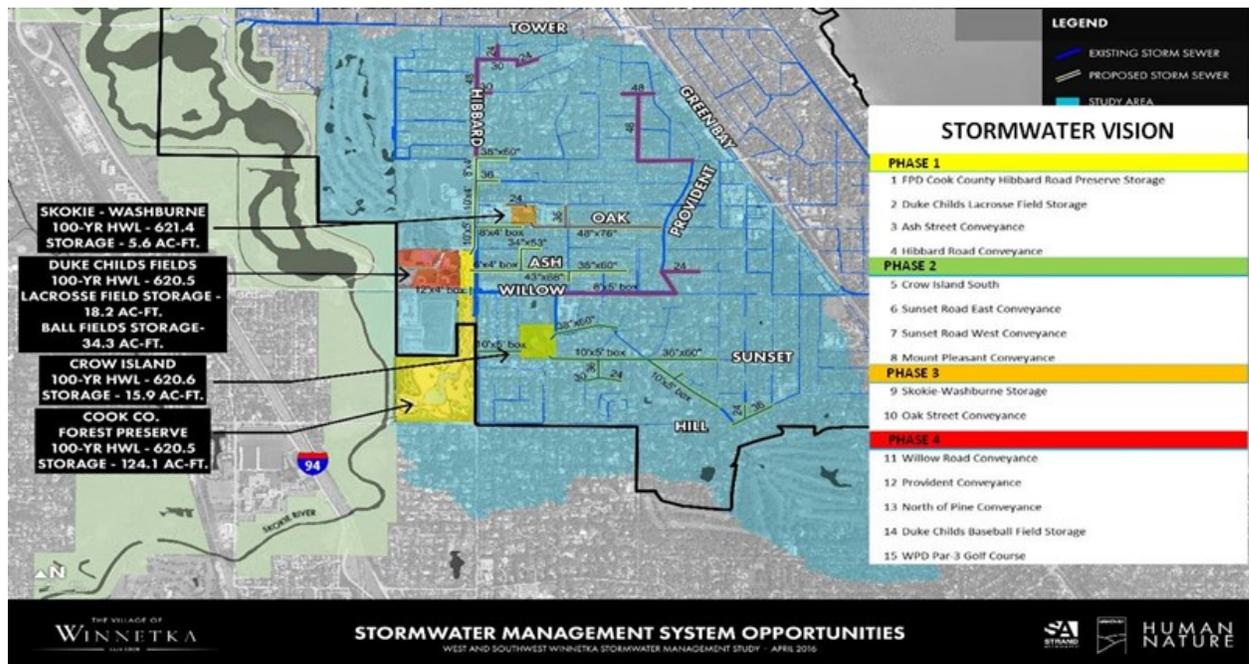
### Status of Strand Stormwater Plan

Last fall, the Village engaged Strand Associates to re-evaluate the Village’s western drainage basins for creative, cost-effective improvements for the 100-year event, taking into account the Village’s flood-control goals and objectives. Strand has evaluated a variety of grey and green infrastructure approaches, conveyance, detention, property buyout or individual protection retrofit programs, and a host of other traditional and emerging stormwater management technologies. The study area boundaries are shown below:



The key portion of Strand’s work was a robust, “no stone unturned” sustainable watershed evaluation to identify and evaluate a wide range of potential flood risk reduction strategies. These include individual homeowner or neighborhood-scale improvements and regulatory or zoning changes, and large-scale stormwater storage and conveyance improvements. Using a sustainable watershed evaluation process, Strand assessed 44 stormwater management opportunities that could meet the Village’s flood protection goals in practical, feasible, creative, and cost-effective ways.

On June 7, 2016, Strand presented their Final Concept Report to the Village. After carefully considering the feasibility, practicality, cost, benefit, and measure of protection of each opportunity, Strand has proposed a combination of projects that produce a desirable balance of flood reduction, cost-effectiveness, and phased implementation. This series of projects, if fully implemented, would significantly reduce the number of homes in the watershed that are at risk of overland flooding during the design event. The proposed Vision consists of 15 discrete stormwater storage and conveyance projects, water quality management improvements, and distributed green infrastructure improvements, in four phases. The current Stormwater Vision is shown in the figure below:



There are critical community partners in the watershed that are integral to successful and sustainable stormwater and flood mitigation improvements. Strand has helped the Village to explore collaboration with stakeholders whose goals are directly impacted by stormwater issues and will also benefit from the Village’s stormwater management efforts. Strand has also conducted an extensive public participation effort to gain valuable input from the community and to better understand the needs, desires, and opportunities addressed by the identified alternatives. The estimated project cost to implement all four phases, including engineering and necessary contingencies, is \$57,717,000 in current dollars.

Summary and additional detail about the Strand engagement process and Concept Vision is available on the Village’s website at: [villageofwinnetka.org/residents/stormwater-alternatives-evaluation/](http://villageofwinnetka.org/residents/stormwater-alternatives-evaluation/).

At the June 14 Study Session, the Village Council further discussed the Concept Report and identified two key activities as immediate next steps. First, it is clear that the success

of the concept vision relies heavily on a strong, cooperative relationship with the Cook County Forest Preserve District (CCFPD). The Council therefore directed staff to identify the various steps, submittals, agreements, and open issues that need to be worked through with the Forest Preserve District to secure their cooperation in modifying and restoring a portion of District property south and west of Hibbard and Willow Roads. This would allow better storage and conveyance of stormwater in a way that is in keeping with the District's land-use goals and policies. Staff has met and discussed the project with District staff and Commissioner Suffredin. Currently, the two agencies are working to identify a set of milestones, approvals, submittal dates and requirements, and other conditions that, if satisfactorily met, should lead to consideration and approval by the Forest Preserve Board.

Second, recognizing that the above discussions will take time, and some of the projects may not be constructed for several years, Strand was asked to identify whether portions of some improvements, or other strategies, could be quickly designed and implemented in a way that brings faster relief to portions of the project area. Strand will report back to the Council prior to the formulation of the 2017 Budget, so that any appropriate "quick-wins" can be considered for funding.

### **Sewer Backup Prevention Program**

In 2006, the Village implemented a cost-sharing program to encourage and assist homeowners to install anti-backup protective systems to reduce sanitary sewer backup. Installations of anti-backup devices or conversions to overhead sewer are the only activities eligible under the program, which is limited to unprotected single-family residential buildings. The program contributes 50% of the cost up to \$3,500 (\$5,000 for overhead sewer installations) up to the funding limit set annually in the budget by the Village Council.

Beginning with the FY 2014 Budget, the Village Council de-funded the program, for the purpose of shifting these funds towards direct Village improvements, rather than private property protection measures. Prior to 2014, the Village budgeted \$15,000 to \$30,000, with occasional mid-year increases in storm years, annually since program inception. A copy of the prior program brochure is attached here for reference.

This program, authorized by the Village Code, is similar to programs offered by most area municipalities, and provides several benefits. First, the Village can partner directly with affected citizens to prevent basement backups, reducing insurance claims, loss of property and possessions, and reducing exposure to potential public health risks. Second, the Village can directly improve the quality of life for residents plagued by persistent sewer backups. Finally, the program is cost effective on a per-home basis, as basin-wide sanitary sewer improvements can cost significantly more per home, especially in some of the Village's fairly small sewer basins.

Staff has evaluated the status of several projects in the Sewer Fund and proposes allocating \$50,000 to the anti-backup program to cover all requests currently in process. We propose the additional funding would be allocated based on the following:

**FY 2016 Sewer Fund Capital Funding – Budget Account 540.70.01-670**

<b>Item</b>	<b>FY 2016 Budget</b>	<b>Estimated</b>	<b>Over/(Under) Budget</b>
Excavator Purchase	\$18,000	\$18,000	\$0.00
Sheridan Rd. Pump Replacement	\$50,000	\$50,000	\$0.00
System I/I Eng. and Repairs	\$300,000	\$250,000	(\$50,000)
Trenchless Lining	\$150,000	\$150,000	\$0.00
<b>TOTALS</b>	<b>\$518,000</b>	<b>\$468,000</b>	<b>(\$50,000)</b>

**Recommendation:**

1. Review informational report.
2. Consider a motion authorizing expenditure of \$50,000 on the Sewer Backup Prevention Program authorized in Section 15.24 of the Village Code.

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## VILLAGE RESPONSIBILITY

While the Village of Winnetka is not legally responsible for damages resulting from sewer back-ups in individual residences, the Village believes that it can provide some assistance to residents in protecting their basements from sanitary sewer back-up. The Village strives to provide safe, reliable and effective utility services, and has a policy and practice of regularly maintaining, repairing and upgrading its infrastructure. Though this is likely to reduce the number and degree of sewer back-up incidents, it is impossible for the Village of Winnetka to eliminate such back-ups altogether due to the age of the Village's system, the current level of technology, and the limitations of the fiscal resources of the Village.

This cost-sharing program is a voluntary undertaking of the Village, and shall not be construed as an assumption of responsibility or legal liability arising from the design, installation, operation, maintenance, repair or replacement of any private sewer line, overhead sewer or anti-back-up device, or any damages or injuries arising from the failure or malfunction of such a system.

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## CAN I READ THIS ORDINANCE ON-LINE?

If you would like to read the entire ordinance on-line, you can go to [www.villageofwinnetka.org](http://www.villageofwinnetka.org). Once on the site, select **Forms/Docs**. Under Administration, Documents, select **Village Code**. There will be a side bar along the left-hand side of the page where you can quickly go to the proper Title. Double click on Title 15. This will reveal all of the sections in this Title. Then select **Sewer Code**. Then, page down to **Section 15.24.085 Sewer Back-up Prevention Program**.

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## WHAT IF I HAVE ADDITIONAL QUESTIONS OR CONCERNS?

After reading this brochure and the ordinance, you may find that you have additional questions or concerns that need further clarification. You may contact the Village of Winnetka Public Works Department at (847)716-3568 and speak with someone about the program.



Village of Winnetka  
Department of Public Works  
1390 Willow Road  
Winnetka, IL 60093  
Phone (847)716-3568  
Fax (847)716-3599

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## VILLAGE OF WINNETKA

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## SANITARY SEWER BACKFLOW PREVENTION

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# SANITARY SEWER BACKFLOW PREVENTION

On May 16, 2006, the Village of Winnetka amended Chapter 15.24, "Sewer Code" of Title 15 of the Winnetka Village Code, "Building and Construction" by adding a new Section 15.24.085, entitled "Sewer Back-up Prevention Program".

The Sewer Back-up Prevention Program is a cost sharing program between the Village of Winnetka and the homeowners of single family homes built before 1970. A property owner who meets all of the eligibility standards set forth in the ordinance may apply to the Village of Winnetka for reimbursement of a portion of the costs of the initial installation of an anti-back-up device or overhead sewer.

## COST SHARING PROGRAM

As the Village of Winnetka has limited funding to allocate to this program each year, reimbursements will be on a first come, first serve basis. The maximum reimbursement made to any homeowner under this program will be 50% of the cost of the initial installation for either an anti-back-up device or an overhead sewer, but not to exceed \$3,500 or \$5,000, respectively. Only those costs directly associated with the initial installation of an overhead sewer or anti-back-up device shall be considered eligible for reimbursement. The Village Council shall retain the sole and exclusive discretion to determine the funding for each fiscal year.

## ELIGIBILITY STANDARDS

To be eligible for this program, the applicant must meet all of the following conditions:

1. The applicant must be the owner of record of a single family home that was built before 1970 and is not currently protected with overhead sewers or an anti-back-up device.
2. The reimbursement request must be for the initial installation of an overhead sewer or anti-back-up device. The cost of repair, replacement or maintenance of an existing system is not eligible for reimbursement.
3. **The property owner must arrange for a pre-construction inspection, to be performed by the Village or its authorized agent, to locate any prohibited sources of stormwater inflow or infiltration to the sanitary sewer system. If any illicit connections or infiltrations are found during this inspection, the property owner will be solely responsible for their correction, to the satisfaction of the Village, and must arrange for a re-inspection by the Village.**
4. The property owner or qualified contractor acting on the owner's behalf shall procure all necessary permits from the Village of Winnetka for the required work. All work must comply with the Sewer Code, including all inspections, contractor bonds or licenses. The property owner/contractor will be responsible for scheduling all necessary inspections. No reimbursements will be made for work that does not pass all required inspections.
5. The application for reimbursement must be submitted with the permit application. The application will be provided by the Director of Public Works.
6. The application for reimbursement shall include a waiver, signed by the owner of record waiving any and all claims against the Village for damages or injuries of any kind arising from the installation, operation, maintenance or repair of the overhead sewer or anti-back-up device. The statement of the waiver shall be prescribed by the Village.
7. No reimbursements will be made until the work has been completed and has passed the final inspection as required by the Sewer Code and the Winnetka Building Code.
8. No reimbursements will be made unless the property owner provides the Village with evidence in the form of a signed and sworn contractor's statement certifying that the contractor has been paid in full for the completed work.



## Agenda Item Executive Summary

**Title:** Resolution No. R-42-2016: A Resolution Waiving Permit Fees for Storm Repairs (Adoption)

**Presenter:** Steven M. Saunders, Director of Public Works/Village Engineer

**Agenda Date:** 08/02/2016

**Consent:**  YES  NO

- |                                     |                         |
|-------------------------------------|-------------------------|
| <input type="checkbox"/>            | Ordinance               |
| <input checked="" type="checkbox"/> | Resolution              |
| <input type="checkbox"/>            | Bid Authorization/Award |
| <input type="checkbox"/>            | Policy Direction        |
| <input type="checkbox"/>            | Informational Only      |

### Item History:

August 2, 2011, Village Council Agenda, pp. 21 - 25  
May 7, 2013, Village Council Agenda, pp. 13 - 15

### Executive Summary:

The overnight rain storm of July 23-24, 2016 caused severe flooding in many areas of the Village, including basement flooding in some homes and schools. As was the case following the July 2011 and April 2013 storms, much of the repair and restoration work will require building and electrical permits, and Staff therefore recommends that the Village implement the same streamlined permit process and waiver of permit and inspection fees that were implemented after the 2011 and 2013 flood events.

Because the permit fee resolution adopted in December 2015 does not include authorization for large-scale waivers, it is necessary to authorize the waivers by resolution. To that end, the attached Resolution No. R-42-2016 grants the fee waiver and authorizes Village Staff to establish the procedures.

### Recommendation:

Consider adoption of Resolution No. R-42-2016, waiving permit and inspection fees for the repair and restoration of storm and flood damaged property.

### Attachments:

Resolution No. R-42-2016, titled "A Resolution Authorizing the Waiver of Building and Construction Fees for Repairs to Properties Damaged in the Storm of July 2016."

**A RESOLUTION  
AUTHORIZING THE WAIVER OF BUILDING AND CONSTRUCTION FEES  
FOR REPAIRS TO PROPERTIES  
DAMAGED IN THE STORM OF JULY 2016**

**WHEREAS**, on July 23 and 24, 2016 Cook County, including the Village of Winnetka (“Village”), was impacted by severe weather that included thunderstorms and heavy rainfall, and that caused widespread flooding, with record flood levels in many areas of Cook County and the adjacent counties in the metropolitan Chicago area; and

**WHEREAS**, the total rainfall in the Village for July 23 and 24, 2016, was 4.97 inches, with 2.74 inches of rain falling between 5:50 p.m. and 7:10 p.m., and another 2.04 inches falling between 9:40 p.m. and 11:00 p.m.; and

**WHEREAS**, the area flooding closed numerous roadways, and impacted many homes, schools and businesses within the Village; and

**WHEREAS**, the Council of the Village of Winnetka finds that it is in the best interests of the Village, its residents, schools and businesses, for the Village to facilitate post-flooding repairs and restoration by waiving permit and inspection fees for such work; and

**WHEREAS**, the Village of Winnetka is a home rule municipality in accordance with Article VII, Section 6 of the Constitution of the State of Illinois of 1970, pursuant to which it has the authority, except as limited by said Section 6 of Article VII, to exercise any power and perform any function pertaining to the government and affairs of the Village, including, but not limited to, the powers to regulate for the protection of the public health, safety and welfare; and

**WHEREAS**, the Council finds that it is in the best interests of the Village and its residents that all matters pertaining to the regulation of building and construction activities within the Village of Winnetka, including but not limited to establishing fees for permits for such activities, are matters pertaining to the affairs of the Village.

**NOW, THEREFORE**, be it resolved by the Council of the Village of Winnetka as follows:

**SECTION 1:** The foregoing recitals are hereby incorporated as the findings of the Council of the Village of Winnetka, as if fully set forth herein.

**SECTION 2:** The fees established pursuant to Resolution R-41-2015 for building permit processing and review, and for inspection of construction activity, are hereby waived for all work required to repair properties damaged in the rain storms and flooding that occurred between July 23 and 24, 2016, provided that any applicant for such permit who seeks such a fee waiver shall provide proof of eligibility for said waiver, in a form acceptable to the Village, which may be in the form of an affidavit.

**SECTION 3:** The Village Manager is hereby authorized and directed to establish and implement a procedure for the waiver established in the foregoing section and for documenting the eligibility of permit applicants for such waiver.

**SECTION 4:** This Resolution is adopted by the Council of the Village of Winnetka in the exercise of its home rule powers pursuant to Section 6 of Article VII of the Illinois Constitution of 1970.

**SECTION 5:** This resolution shall be in full force and effect immediately upon its adoption..

**ADOPTED** this 2<sup>nd</sup> day of August, 2016, pursuant to the following roll call vote:

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

Signed:

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

Countersigned:

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