



AGENDA
VILLAGE OF ROSELLE
VILLAGE BOARD COMMITTEE OF THE WHOLE
November 26, 2018
Following Village Board Meeting

Meeting Chaired by Mayor Andy Maglio

1. Roll Call

2. Approval of Prepared Agenda

3. Citizen Comments/Questions

Residents who wish to address the Board, please come to the podium, state your name and address, and limit your comments to three minutes.

4. Utility Provision to Non-Contiguous Properties

Documents:

[UTILITY PROVISION TO NON-CONTIGUOUS PROPERTIES.PDF](#)

5. Police In-Car Camera System Purchase Update

Documents:

[POLICE IN-CAR CAMERA SYSTEM PURCHASE UPDATE.PDF](#)

6. FY 2019 Proposed Budget Presentation

Documents:

[FY 2019 PROPOSED BUDGET PRESENTATION.PDF](#)

7. Citizen Comments/Questions

Residents who wish to address the Board, please come to the podium, state your name and address, and limit your comments to three minutes.

8. Executive Session

- A. Executive Session Minutes
- B. Collective Bargaining
- C. Litigation

- D. Personnel
- E. Real Property
- F. Security Procedures
- G. Risk Management

9. Other Business

10. Adjourn

In compliance with the Americans with Disabilities Act, any person with a disability requiring a reasonable accommodation to participate in the meeting should contact Jason Bielawski, ADA Compliance Officer, 8:30 a.m. to 5:00 p.m. Monday through Friday, telephone: 630-671-2810, email jbielawski@roselle.il.us.

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AGENDA ITEM # 4

AGENDA ITEM EXECUTIVE SUMMARY Committee of the Whole Meeting November 26, 2018

Item Title: **Utility Provision to Non-Contiguous Properties**

Staff Contact: Jeffrey D. O'Dell, Village Administrator

COMMITTEE OF THE WHOLE ACTION

Consider amendments to the Village Code establishing requirements for the provision and continuing provision of municipal water and/or sewer utilities to non-contiguous properties outside the corporate boundaries of the Village of Roselle.

Executive Summary:

At its November 12 Committee of the Whole meeting, the Village Board directed staff to work with the Village Attorney to prepare amendments to the Village Code establishing requirements for the provision and continuing provision of Village water and/or sewer utilities to non-contiguous properties outside the corporate boundaries.

The attached two draft ordinances reflect the direction of the Village Board, specifically as it relates to requirements for the approval of pre-annexation and restrictive covenant agreements prior to non-contiguous property owners receiving water and/or sewer utilities from the Village. In addition, a utility disconnection appeals hearing process has been established for those non-contiguous property owners who do not have current pre-annexation and restrictive covenant agreements in place.

The first ordinance amends Chapter 2, Administration, with the addition of a new Article XVI establishing requirements for non-contiguous properties to connect to Village water and/or sewer utilities. Those requirements are as follows:

- Execution of a 20 - year term pre-annexation agreement.
- Execution of a recordable restrictive covenant that is binding on the property owners, successors, and assigns and is not subject to the 20 year pre-annexation agreement term.
- Property owners that apply for pre-annexation are responsible for application fees, escrow fees, and all costs related to connection to water and/or sewer utilities.
- Property owners agree to annexation should the Village elect to annex the property if and when it becomes contiguous.

- Property owners shall install public sidewalks no later than 6 months from the date of annexation, but should weather make installation of the sidewalk unreasonable, the property owner shall post a bond in an amount equal to 110% of the Village Engineer's estimate of construction to guarantee construction when weather permits.
- The property owner may contract with a contractor to install the sidewalk.
- If the property owner is unwilling to comply with the terms of the pre-annexation agreement, the Village may (a) initiate litigation and the property owner shall reimburse the Village for any and all reasonable costs and expenses, including attorney fees resulting from the Village's efforts to enforce the terms of the pre-annexation agreement or (b) the Village may elect in its sole discretion to refuse annexation of the property and disconnect Village utilities.

The first ordinance also establishes a disconnection appeals process for any non-contiguous property owner being provided Village water and/or sewer utilities who does not have a current pre-annexation and restrictive covenant agreement in place. Property owners contesting disconnection shall have one of the following defenses to prevent the Village from disconnecting the property from water and/or sewer utilities:

- A pre-annexation agreement that is existing and legally effective prior to the adoption of this ordinance.
- The property owner has submitted an application for pre-annexation and restrictive covenant fully consistent with the terms and conditions of the ordinance.
- The property owner has applied for a well and/or septic field permit from DuPage or Cook Counties and a contract with a contractor to install the well and/or septic field.
- The property owner has 60 days from the adoption of the ordinance to file their written appeal including all pre-annexation, restrictive covenant, or permit documentation in support of the ordinance.

The second ordinance repeals and rescinds in its entirety Subsection C of Chapter 18, Section 18-9 as the requirements for the provision and continuing provision of Roselle water and/or sewer utilities for a non-contiguous property have been established in Chapter 2 of the Village Code.

Next Steps:

- If the Village Board concurs with the proposed amendments to the Village Code, staff will place the two ordinances on the December 3 Village Board meeting for approval.
- The 6 non-contiguous property owners that have recently signed pre-annexation agreements under terms and conditions approved by the Village Board earlier this year will be afforded an opportunity to reapply under the terms and conditions of the current ordinance. Should these property owners choose to reapply, staff recommends they not be subject to any application or escrow fees as part of the application process.

- The 16 non-contiguous property owners with expired pre-annexation agreements will be sent letters informing them of the new ordinance and policy for continued connection to Roselle water and/or sewer utilities.
- All new applications for pre-annexation and restrictive covenant agreements will require public hearings, including any property owners with expired agreements that choose to move forward with new terms and conditions.

Implications:

Is this item budgeted? N/A

Any other implications to be considered? Yes, there are two other property owners with expired pre-annexation agreements requiring connection to the Village's water utility. Sidewalks already exist on the frontage of the property. Staff will prepare a recommendation for Village Board consideration regarding these two properties and connection to water utilities if available.

Attachments:

Ordinance Amendment Chapter 2, Administration of the Village Code

Ordinance Repealing and Rescinding Subsection C of Chapter 18, Section 18-9

1 **ORDINANCE AMENDING CHAPTER 2 “ADMINISTRATION” OF THE**
2 **CODE OF ORDINANCES OF THE VILLAGE OF ROSELLE**
3 **BY THE ADOPTION OF ARTICLE XVI TO BE ENTITLED**
4 **“AN ORDINANCE ESTABLISHING REQUIREMENTS FOR THE PROVISION**
5 **AND CONTINUING PROVISION OF ROSELLE MUNICIPAL UTILITIES FOR**
6 **NON-CONTIGUOUS PROPERTIES OUTSIDE THE CORPORATE**
7 **BOUNDARIES OF THE VILLAGE OF ROSELLE”**
8

9 **WHEREAS**, the Village has no duty to provide municipal water or sanitary
10 sewer services outside its corporate boundaries in absence of a legal agreement to do so;
11 and
12

13 **WHEREAS**, the Village has legal authority to specify the terms of Pre-
14 Annexation Agreements or elect not to enter into Pre-Annexation or Annexation
15 Agreements; and
16

17 **WHEREAS**, issues have recently arisen related to the relationship between the
18 requirement that sidewalks be installed on properties subject to pre-annexation and
19 annexation within the Village of Roselle; and
20

21 **WHEREAS**, the Corporate Authorities of the Village of Roselle desire to have a
22 sidewalk policy which is consistent in its application to all properties within the corporate
23 boundaries of the Village of Roselle and properties subject to Pre-Annexation
24 Agreements; and
25

26 **WHEREAS**, in the past some property owners had refused to honor sidewalk
27 installation obligations required by Annexation Agreements or Village Code; and
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29 **WHEREAS**, the Corporate Authorities of the Village of Roselle have concluded
30 that the tax payers of incorporated Roselle should not bear the burden of financing the
31 construction of public sidewalks on properties subject to Annexation or Pre-Annexation
32 Agreements; and
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35 **NOW, THEREFORE, BE IT ORDAINED**, by the President and Board of
36 Trustees for the Village of Roselle, DuPage and Cook Counties, Illinois, that there is
37 adopted Article XVI, Sections 2-291 through 2-295 such Article to be entitled “An
38 Ordinance Establishing Requirements for the Provision of Village Services for Non-
39 Contiguous Properties Outside the Corporate Boundaries of the Village of Roselle”
40 which shall read as follows:
41

42 **SECTION 1.**
43

44 **SECTION 2-291. DEFINITIONS.**
45

46 *Property or Properties.* Property or Properties shall mean real property
47 located outside the corporate boundaries of the Village of Roselle which is not
48 contiguous to the Village.
49

50 *Village Services.* Village Services in this Ordinance shall mean potable
51 water and/or sanitary sewer service.
52

53 **SUBSECTION 2-292.**
54 **PROVISION OF VILLAGE SERVICES TO NON-CONTIGUOUS**
55 **UNINCORPORATED PROPERTIES.**
56

57 Properties shall not connect to, or maintain a connection to, Village
58 Services, unless:
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- 60 a) Those properties, as of the adoption of this ordinance, have
61 an existing and legally effective Pre-Annexation
62 Agreement; or
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- 64 b) Those properties apply for and execute Pre-Annexation
65 Agreements and also have an executed recordable
66 restrictive covenant, which shall survive the termination of
67 the Annexation Agreement and which shall, at a minimum,
68 contain the terms and conditions set forth in Subsection 2-
69 293 and 2-294 of this Ordinance;
70
- 71 c) The Pre-Annexation Agreement and restriction covenant
72 shall be subject to approval of the corporate authorities of
73 the Village; and
74
- 75 d) Applicants for pre-annexation shall comply with all other
76 fees, costs, and procedures of the Village as are applicable
77 for annexations.
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80 **SUBSECTION 2-293.**
81 **PRE-ANNEXATION AGREEMENTS, TERMS, AND CONDITIONS.**
82

83 The Corporate Authorities shall retain their sole legislative discretion
84 in determining whether or not to approve the pre-annexation of any property
85 located outside of the Village's corporate boundaries. Pre-Annexation
86 Agreements approved for properties provided Village services shall, at a
87 minimum, contain the following terms and conditions:
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- 89 a) Twenty-year terms; and
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- b) Shall be binding upon the property owners, successors, and assigns; and
- c) Shall be recorded by the Village Clerk against the effected property at the pre-annexed owner's sole cost and expense; and
- d) Shall agree to annexation, should the Village, by its Corporate Authorities, elect annexation when the property becomes contiguous to the corporate boundaries of the Village; and
- e) That the Property when annexed shall install public sidewalks in conformance with Chapter 18, Section 18-9(a) and (b) of the Roselle Village Code, including all work necessary to make ready the area for the sidewalk installation, no later than six (6) months from the date of the adoption of the Annexation Agreement. If weather conditions make the installation of the sidewalk unreasonable within the concrete industries' customs and practices for adverse weather installation during the six (6) months, the owner shall post a bond in an amount equal to 110 percent of the Village Engineer's estimate of construction to guarantee installation when weather permits; and
- f) The property owner of a property posting a bond may contract with a contractor to perform the sidewalk work when the weather permits and apply the bond posted pursuant to Subsection (e) of this section towards that construction; and
- g) If any owner is unwilling to comply with any term or condition of the Pre-Annexation Agreement, the Village may initiate litigation to enforce the Agreement and the owner: (a) shall reimburse the Village for any and all reasonable costs and expenses, including attorneys' fees and expert witness fees resulting from the Village's efforts to enforce the terms of the Pre-Annexation Agreement; or (b) or the Corporate Authorities of the Village may elect in their sole discretion to refuse annexation of the property and disconnect the Village Services; and
- h) As long as the Pre-Annexation Agreement remains in effect, the Village shall provide sanitary sewer and/or water services

137 to the property if the property owner is not in breach of the Pre-
138 Annexation Agreement and has paid all applicable sewer
139 and/or water fees to the Village.
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142 **SUBSECTION 2-294.**
143 **RESTRICTIVE COVENANT.**
144

145 Independent of the Pre-Annexation Agreement, an owner shall execute a
146 covenant which shall run with the land, prepared by the Village Attorney and
147 submitted to the Village Board for its consideration and approval. All covenants
148 shall, at a minimum, contain the conditions set forth in the Annexation
149 Agreement, but shall not be subject to its 20-year limitation.
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152 **SECTION 2-295.**
153 **DISCONNECTION APPEALS AND MATERIAL DEFENSES.**
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155 Any owner being provided sewer and/or water service by the Village
156 services who does not have a Pre-Annexation and Covenant with the Village shall
157 be disconnected from service subject only to the following defenses:
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- 159 a) That the owner has a Pre-Annexation Agreement that is
160 existing and legally effective prior to the adoption of
161 this Ordinance; and
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- 163 b) That the owner has submitted an application for a Pre-
164 Annexation Agreement and covenant fully consistent
165 with the terms and conditions of this Ordinance, as of
166 the date of any hearing scheduled to contest
167 disconnection; and
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- 169 c) That the owner has applied for a well and/or septic field
170 permit with the County of DuPage or County of Cook
171 and has a contract with a contractor to install the well
172 and/or septic field; and
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- 174 d) No other defenses shall be legally material; and
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- 176 e) The owner of a Property contesting disconnection
177 pursuant to the terms of this subsection shall have 60
178 days from the adoption of this Ordinance to file their
179 written appeal including all documents in support of
180 subsections 1, 2, and 3 of this subsection. The Notice of
181 Appeal shall specify which specific defense allowed by
182 this subsection of the Ordinance is asserted. If

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documents supporting the appeal are not filed in conjunction with the appeal, the appeal shall be stricken as inadequate as a matter of law; and

- f) The appeals shall be filed with the Village’s Community Development Department and shall include all documents supporting the material defenses; and
- g) Hearings on material defenses shall be conducted by the Hearing Officer who conducts code violations and hearings under Chapter 24, Section 24-2 of the Village Code; and
- h) The owner shall have the opportunity to appear at the hearing before the Hearing Officer to submit any evidence establishing a material defense; and
- i) If the Hearing Officer determines that the material defense is proven by a preponderance of the evidence, the Hearing Officer shall deny the Village’s petition for disconnection. Where the Hearing Officer determines that the defense is not proven by a preponderance of the evidence, the Hearing Officer shall set a date for disconnection.

SECTION 2: Any Ordinance which is inconsistent with this Ordinance is repealed to the extent of such inconsistency.

SECTION 3: This Ordinance shall become effective upon passage, execution by the Mayor and publication as required by law.

AYES:
NAYES:
ABSTAIN:
ABSENT:

PASSED AND APPROVED THIS _____ DAY of _____, 2018.
PUBLISHED in pamphlet form this _____ DAY of _____, 2018.

Andrew J. Maglio, President, Village of Roselle

1 **ORDINANCE REPEALING SUBSECTION (c) OF SECTION 18-9**
2 **“SIDEWALK TO BE CONSTRUCTED WHEN BUILDING BUILT” OF**
3 **CHAPTER 18 “STREETS AND SIDEWALKS” ARTICLE I “GENERAL” OF**
4 **THE**
5 **CODE OF ORDINANCES OF THE VILLAGE OF ROSELLE**
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7 **WHEREAS**, the Corporate Authorities of the Village of Roselle have deemed it
8 reasonable and necessary to amend Chapter 2 “Administration” to include an article
9 pertaining to the establishment of requirements for the provision and continuing
10 provision of Roselle municipal utilities for non-contiguous property outside the corporate
11 boundaries of the Village of Roselle; and
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13 **WHEREAS**, the adoption of Article XVI of Chapter 2 renders subsection (c) of
14 Section 18-9 of Chapter 18 of the Code of Ordinances of the Village of Roselle
15 unnecessary.
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17 **NOW, THEREFORE, BE IT ORDAINED**, by the President and Board of
18 Trustees for the Village of Roselle, DuPage and Cook Counties, Illinois, that Subsection
19 (c) of Section 18-9 “Sidewalk to be Constructed When Building Built” is:
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21 **SECTION 1:** Hereby repealed and rescinded in its entirety.
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23 **SECTION 2:** That in all other respects Section 18-9(a) and (b) shall remain in
24 full force and effect.
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26 **SECTION 3:** This Ordinance shall become effective upon passage, execution by
27 the Mayor and publication as required by law.
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30 AYES:
31 NAYES:
32 ABSTAIN:
33 ABSENT:
34

35 PASSED AND APPROVED THIS ____ DAY of _____, 2018.
36 PUBLISHED in pamphlet form this ____ DAY of _____, 2018.
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40 _____
41 Andrew J. Maglio, President, Village of Roselle

42 ATTEST:
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45 _____
46 Village Clerk



AGENDA ITEM # 5

**AGENDA ITEM EXECUTIVE SUMMARY
Committee of the Whole Meeting
November 26, 2018**

Item Title: Police In-Car Camera System Purchase Update

Staff Contact: Jeffrey D. O'Dell, Village Administrator
Steve Herron, Chief of Police

COMMITTEE OF THE WHOLE ACTION

Consider a recommendation from Chief Herron to move forward with the issuance of 12 body worn cameras for 12 police department patrol vehicles and the development of a general order dictating the use of body worn cameras.

Executive Summary:

The FY 2018 Budget included \$70,655 in funding for the purchase of replacement in-car video and audio recording systems for Police Department vehicles. The systems consist of cameras mounted inside the vehicles, wireless microphones worn by police officers, audio and video recording equipment, and onsite software and hardware used for the storage and retrieval of the recordings. On March 26, 2018 the Village Board authorized a five – year agreement with Axon Enterprise, Inc, for the purchase of 12 in-car camera systems to be installed on 10 patrol vehicles, the supervisor/sergeant vehicle, and the community service vehicle.

Since that time, the Police Department has experienced some conflicts with the installation and operation and has yet to receive the full order of 12 camera systems. The delay relates to arrival of the body worn microphones until the first or second quarter of 2019. As noted in the attached memorandum from Chief Herron, Axon Enterprise, Inc. has offered the Police Department nine additional body worn cameras that also function as a microphone until such time the microphones are manufactured. Based on the opinion of the Village Attorney, the Village has the authority to provide body worn cameras to a portion of the Police Department as long as a policy has been implemented.

On Monday night, Chief Herron will update the Village Board on the status of the original purchase and options for moving forward. One of those options is to commit additional funding for the purchase of body worn cameras for every officer in the department. Chief Herron's memo highlights that additional cost and the impact it would have on our FY 2018 and FY 2019 budgets.

Implications:

Is this item budgeted? Yes, however, the addition of body worn cameras for all police officers in the department will require adjustments to both the FY 2018 and FY 2019 budgets.

Any other implications to be considered? N/A

Attachments:

Memo from Chief Herron



MEMORANDUM

TO: Jeff O'Dell, Village Administrator
FROM: Steve Herron, Chief of Police
DATE: November 15, 2018
SUBJECT: Status of the AXON In-Car Camera System Purchase

In 2016/17, the police department began researching the replacement of the department's existing Panasonic in-car camera system. In 2018, the department recommended to the Village Board and was approved to enter into an agreement with AXON/Taser for the purchase of 12 in-car camera systems.

At the time, the police department agreed to purchase three of the existing AXON 1.0 in-car camera systems for the new police vehicle builds and receive the remaining cameras once the AXON 2.0 in-car cameras were released. Since there were no microphone packs available at the time, AXON provided the police department 3 body worn cameras that also function as microphones.

On the 26th of July, AXON sent a representative to install the first unit in the new police vehicle build. Since then, all three units have been installed in the newly built police vehicles. We are still working through some conflicts with the Windows 10 operating System but the AXON system is working as expected.

Over the past several months, we have been in constant contact with AXON to determine when the AXON 2.0 cameras and microphone packs would be released. We have just been informed that the 2.0 cameras are ready for shipment although the microphones are delayed until the first or second quarter of 2019.

In order to supply our in-car cameras and to move this project along, AXON has offered at no additional cost to us, nine additional body worn cameras that also function as the microphone, this until the microphones are manufactured. Once the microphones are supplied, we can change over from the body-worn cameras to the microphones.

The Police Department will need to develop a General Order which will dictate the usage of the body-worn cameras, which will need to follow the existing Illinois Statute for "Law Enforcement Officer-Worn Body Cameras" (50 ILCS 706/). This General Order will be in place for the 12 body worn cameras until a point when the microphones are delivered, then we will rescind that General Order and rely only on the in-car camera General Order.

IN addition, I had inquired to AXON for the costs in the event we desired to move to body-worn cameras for all of our department's field employees. This information is important for me to understand so we can make an educated decision for these in-car cameras and the upcoming budget.

AXON as a rule, provides a 5-year agreement for these types of devices, this is done to include an extended warranty, equipment replacement (body-cameras replacement every 2.5 years), and to insure we have up-to-date hardware and software for these devices. I requested AXON provide me with 5-year pricing for 36 body worn cameras; this would equip all of our sworn officers, CSO's, and Community Resource Coordinator. AXON would provide additional replacement cameras in the event of equipment failure at no added cost to us. The first year costs are higher as it includes the needed ancillary hardware, like docking stations for the cameras, routers, etc., while the remaining years include maintenance and storage for the devices. The costs provided by AXON for a 5-year agreement are:

Year 1 \$30,246
Year 2 \$21,024
Year 3 \$21,024
Year 4 \$21,024
Year 5 \$21,024

With the information I have collected and reviewed, I feel the best option is for the police department to move forward with the issuance of the 12 body worn cameras for the 12 patrol cars, and the development of the body-camera policy. The village attorney has opined that we have the authority to camera a portion of our police department personnel as long as a policy has been implemented. This is a no additional cost option for us and has no impact on the village's proposed FY19 budget.



AGENDA ITEM # 6

**AGENDA ITEM EXECUTIVE SUMMARY
Committee of the Whole Meeting
November 26, 2018**

Item Title: FY 2019 Proposed Budget Presentation

Staff Contact: Jeffrey D. O'Dell, Village Administrator

COMMITTEE OF THE WHOLE ACTION

Prior to reviewing proposals for Elected Official Initiatives and Revised Programs and Services, the Village Board will be asked to consider a staff recommendation to make additional modifications to the FY 2019 Proposed Budget.

Executive Summary:

The Management Team has prepared the attached budget scorecard reflecting modifications to the FY 2019 Proposed Budget. In addition, it has provided other budget information requested during the previous two workshops.

IRMA Contribution for 2019: After adjusting the Village's initial contribution to reflect the experience modifier, a credit for utilizing the \$25,000 deductible, and a distribution of the Village's portion of IRMA's Excess Surplus Fund, the IRMA contribution for 2019 has been reduced by \$49,980. This has reduced the IRMA Charges interfund transfers from the General Fund, W/S Operating Fund, Parking Lot Operating Fund and General Capital Projects Fund.

Water/Sewer Operating Fund Projections: The Water Division has requested an additional \$8,600 be added to the FY 2019 Budget for the purchase of water meters as a result of the final order for FY 2018 being delayed by the manufacturer until January. With regards to the calculation of water consumption and sales, FY 2018 and 2019 projections were developed in August based on data available at that time. Water sold for the period January through August 2018 was 0.18% higher than the same period in 2017. Since 2016, annual water sales have decreased by 2.05%, 1.40%, and 0.70% respectively. Therefore, staff recommended a 0% change for FY 2019.

Asset Management Software and Tablets: The FY 2019 Information Technology Fund included a proposed capital outlay request of \$30,360 (page 144) for the purchase of asset management software and tablets. At this time, Staff recommends its removal from the budget. This has reduced the IT user Charge from the General Fund, W/S Operating Fund, and Parking Lot Operating Fund.

Jason Bielawski and Karen Young further discussed the introduction of new technologies in the Public Works Department, specifically the asset management software and tablets. For several years, staff has been evaluating replacement of a legacy application used by the Fleet Division to track vehicle maintenance activities. The evaluation of replacement applications has included asset management applications that provide more powerful tools for collecting data on a variety of Village assets and infrastructure, not just vehicle maintenance. The objective is to minimize the total cost of owning, operating, and maintaining assets while improving levels of internal and external service by being able to track historical work, understand associated costs, establish and streamline workflows, schedule preventative maintenance, and support mobile field operations. Therefore, Staff will use the first half of 2019 to develop an information technology road map for Public Works. Efforts will focus on the deployment of technology to streamline and optimize Public Works operations including the identification of both intangible and tangible benefits attributable to technology. Staff will present its findings and recommendations to the Village Board at the 2019 mid-year budget presentation.

Public Safety Pension Contributions: The FY 2019 Proposed Budget reflects increased contributions of \$193,825 to both public safety pension funds. The Village's Strategic Plan includes a strategic initiative to evaluate public safety pension funding alternatives. After meeting with the Village's actuary, the Finance Planning Committee concurred with the firm's recommendation to modify the actuary assumptions of interest rate, payroll growth, salary scale, and termination and disability rates. The increased contributions are designed to flatten out future payments thereby providing more long term fiscal sustainability. The change in the interest rate assumption from 7.50% to 7.25% accounted for \$131,670 of the total increased contribution. The payroll growth assumptions was reduced from 5.00% to 3.50% while the salary scale assumption was updated from a flat 5.00% rate to a service based table. Termination and disability rates were updated based on an Illinois Department of Insurance study.

Parkway Tree Diameter and Reforestation Project Presentation: The FY 2019 Budget includes \$30,000 to begin an annual reforestation plan for the Village. The Village's consultant, Phil Graf, will present his recommendation to the Village Board at either the January 14 or 28 COW meeting. Trees planted in the parkway as part of the reforestation plan will be 2.5" in diameter as that size tree provides for the best survivability rate.

Police Department Trailer Replacement: The FY 2019 Budget includes \$5,000 for a replacement trailer currently used during emergency events. The Village Board asked if Public Works could use the trailer instead of purchasing one of the two proposed for the Water Division. The two trailers being proposed for the Water Division are more heavy duty and specific to carrying shoring and other valve repair equipment. However, the Fire Department would like to keep the trailer for transporting EMA equipment like generators and pumps, additional traffic safety devices, and for transport of hazardous incident cleanup materials. The trailer's useful life could be extended for another five to eight years.

Pavement Restoration Costs: More information will be provided upon completion of the CMAP Pavement Study, but notwithstanding many other factors, an estimate regarding resurfacing and other associated costs for a typical residential street width is

\$60 per lineal foot. This includes costs for repairing curb and gutter, sidewalks, and any other ADA requirements. With 75 miles of roadway in the Village, a pavement resurfacing cycle of every 20 years would be \$1.1 million per year. Costs for reconstructing the roadway are much higher.

Justification for Pavement Marking Program: Attached is a memo from the Village Engineer providing the Village Board with additional information on pavement marking program materials and his recommendation to continue with the Thermoplastic Surface Applied method for marking pavement in the community.

Alternative Sidewalk Repair Programs: Further review and investigation of mud-jacking and poly-jacking programs as alternatives to the traditional remove and replace and/or saw-cut programs will occur after the winter season and prior to a staff recommendation to the Village Board for the 2019 program.

Implications:

Is this item budgeted? N/A

Any other implications to be considered? N/A

Attachments:

Budget Scorecard

Memo from Village Engineer Greg Gruen



Village of
Roselle
Tradition Meets Tomorrow

SCORECARD

FY 2019 Budget

Page #	Department	Description	General Fund			
			Revenues	Expenditures	Difference	Fund Balance
Proposed Budget Recommendations			\$16,906,375	\$16,779,235	\$127,140	\$7,220,745
109	Elected Officials	DMMC Membership		\$750		\$7,219,995
30	Revenue	Mental Health Board Funding	\$37,000			\$7,256,995
72	Police	Mental Health Support counselor/therapist		\$37,000		\$7,219,995
72	Police	Multifactor Authentication - Annual Maint		\$840		\$7,219,155
44	Administration	IRMA Charges		(\$22,620)		\$7,241,775
	Various	IT User Charge		(\$20,950)		\$7,262,725
29	Revenue	Roselle Fire Protection District	\$16,450			\$7,279,175
Amended Proposed General Fund Budget			\$16,959,825	\$16,774,255	\$185,570	\$7,279,175

Page #	Department	Description	Water and Sewer Operating Fund			
			Revenues	Expenditures	Difference	FUND BALANCE
Proposed Budget Recommendations			\$7,374,520	\$7,267,390	\$107,130	\$3,402,248
165	Water	IRMA Charges		(\$8,150)		\$3,410,398
167	Sewer	IRMA Charges		(\$8,150)		\$3,418,548
165	Water	Water Meters		\$8,500		\$3,410,048
165	Water	IT User Charge		(\$9,110)		\$3,419,158
167	Sewer					\$3,419,158
Amended Proposed W/S Operating Fund Budget			\$7,374,520	\$7,250,480	\$124,040	\$3,419,158

Page #	Department	Description	Parking Lot Operating			
			Revenues	Expenditures	Difference	Fund Balance
Proposed Budget Recommendations			\$378,330	\$358,495	\$19,835	\$314,893
187	Administration	LED Light Fixtures at Metra Station		\$28,000		\$286,893
186	Administration	ComEd Energy Efficiency Grant	\$3,000			\$289,893
187	Administration	IRMA Charges		(\$1,165)		\$291,058
187	Administration	IT User Charge		(\$300)		\$291,358
						\$291,358
						\$291,358
Amended Proposed Parking Lot Operating Fund Budget			\$381,330	\$385,030	(\$3,700)	\$291,358

Page #	Department	Description	General Capital Projects			
			Revenues	Expenditures	Difference	Fund Balance
Proposed Budget Recommendations			\$1,515,700	\$2,042,590	(\$526,890)	\$311,527
130	Fire	Generator at Fire Department		\$75,000		\$236,527
129		IRMA Charges		(\$9,895)		\$246,422
						\$246,422
Amended Proposed General Capital Projects Fund Budget			\$1,515,700	\$2,107,695	(\$591,995)	\$246,422

Page #	Department	Description	Information Technology Fund			
			Revenues	Expenditures	Difference	FUND BALANCE
Proposed Budget Recommendations			\$655,260	\$655,260	\$0	\$0
142	IT	General Government	(\$3,145)			(\$3,145)
142	IT	Public Safety	(\$14,875)			(\$18,020)
142	IT	Highways and Streets	(\$2,930)			(\$20,950)
142	IT	Water & Sewer	(\$9,110)			(\$30,060)
142	IT	Parking Lot	(\$300)			(\$30,360)
142	IT	Asset Management Software & Tablets		(\$30,360)		\$0
						\$0
						\$0
Amended Proposed Information Technology Fund			\$624,900	\$624,900	\$0	\$0



SCORECARD

Page #	Department	Description	Insurance Fund - IRMA			
			Revenues	Expenditures	Difference	FUND BALANCE
Proposed Budget Recommendations			\$561,080	\$561,080	\$0	\$54,982
140		IRMA Charges for Service	(\$49,980)			\$5,002
140		IRMA Surplus	\$55,000			\$60,002
140		IRMA Charges		\$5,020		\$54,982
Amended Proposed Insurance Fund Budget			\$566,100	\$566,100	\$0	\$54,982

To: Karen Young, P.E. Date: 11-15-18

From: Gregory S. Gruen, P.E. 

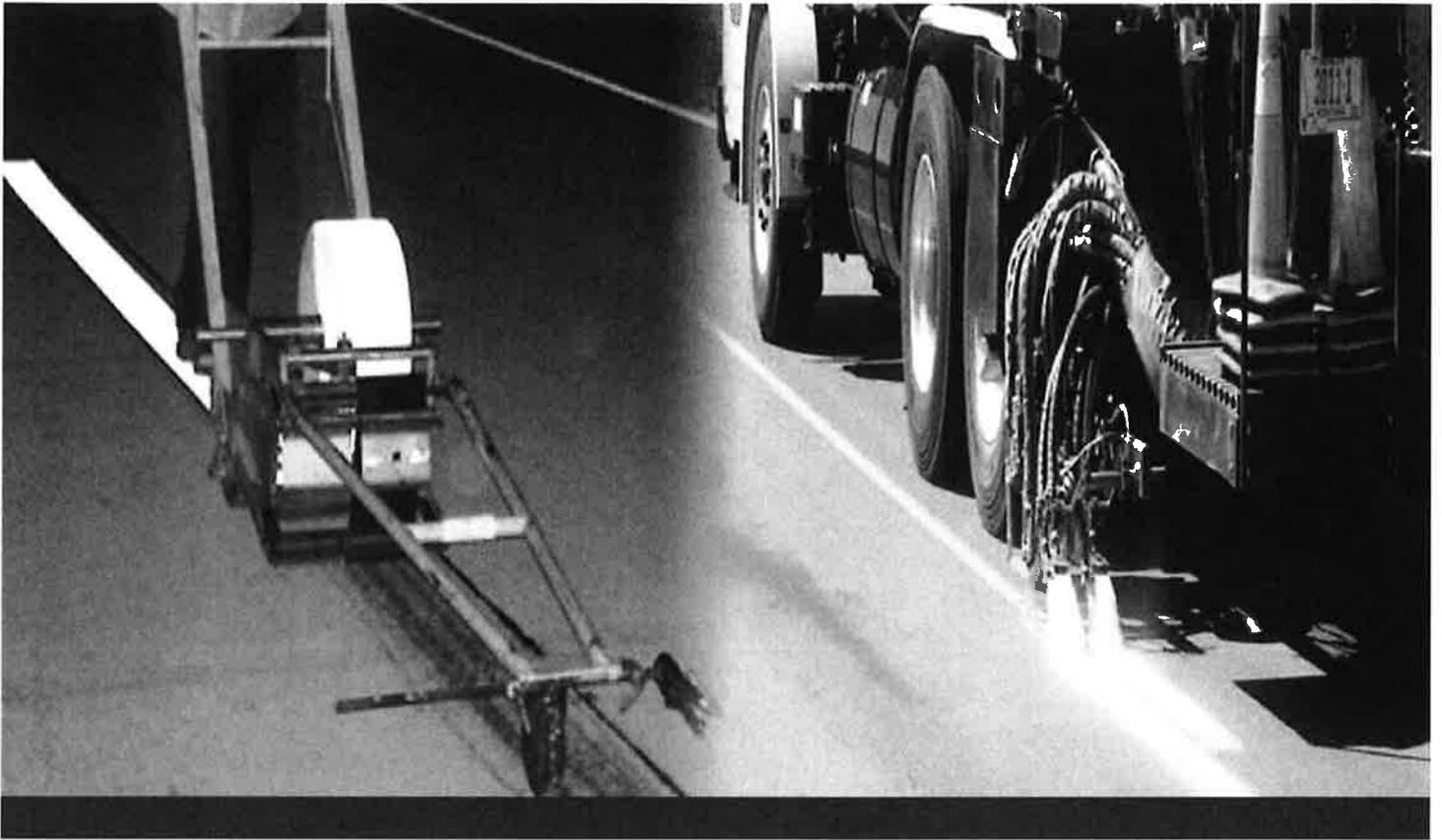
Subject: PAVEMENT MARKINGS Project No. 16-R0557

We were able to perform some research concerning life expectancy, cost and alternative methods and materials for pavement markings. We utilized IDOT's Pavement Marking Selection, Installation and Inspection Manual as a reference. Some key points area as follows:

1. The life expectancy of any pavement marking material is relatively short. It is not uncommon to re-mark any given street 4 to 5 times between pavement rehabilitation. As a frame of reference, Central Ave will likely need to be re-stripped in 2022, 2026, 2030 and 2034 before it is resurfaced again in 2038 (assuming a 20-yr pavement life span and 4-yr marking life span).
2. A primary factor influencing the service life of pavement markings is abrasion from snow removal. Northern Illinois will typically have 12 snowfall events of 1" or more whereas southern Illinois will only have 4 such events. This will shorten the life of the markings by 20%-30% as compared to warmer weather parts of Illinois.
3. There are several methods and materials for pavement markings. The most common are paint, thermoplastic, and polyurea. Urethane, Epoxy and Preformed plastic are also acceptable materials. All of the materials, except paint, can be recessed slightly into the pavement to extend their useful life. If the markings are to be recessed, this should be done at the initial installation of the roadway.
4. For the Village, we are typically on a 5-year cycle to refresh all of our local pavement markings (stop bars, crosswalks) in town. We are able to extend the useful life due to the relatively low traffic volume on our local streets. By contrast, the County of DuPage typically re-marks Roselle Road on a 2-yr cycle.
5. The below table reflects the type, lifespan and cost for the various markings available to the Village. Costs are based on Tables 2 and Table 4 "Pavement Marking Material Recommendations" and from IDOT's Pavement Marking Manual (attached). It should be noted that the Village typically receives pricing that is MUCH HIGHER than indicated on the table due to mobilization costs and a lower volume of work as compared to IDOT projects.

Marking Type	Useful Life (Yrs)	Cost for 4-inch Wide Mark (LF)	Annual Cost of 4-inch Wide Mark (Cost/Useful Life)
Paint	2	\$0.20	\$0.10
Thermoplastic (Surface)	4	\$0.68	\$0.17
Thermoplastic (Recessed)	7	\$0.70	\$0.10
Polyurea (Surface)	4	\$1.00	\$0.25
Polyurea (Recessed)	9	\$1.08	\$0.12
Urethane (Surface)	3	\$0.54	\$0.18
Urethane (Recessed)	6	\$0.60	\$0.10
Epoxy (Surface)	3	\$0.93	\$0.31
Epoxy (Recessed)	8	\$1.04	\$0.13
Preformed Plastic (Surface)	4	\$2.96	\$0.74
Preformed Plastic (Recessed)	9	\$3.96	\$0.44

6. The Village has historically used **Thermoplastic (Surface Applied)** for all of our pavement markings. This type of marking is available from several qualified contractors which helps to keep the cost down. It is also available through a joint bidding initiative conducted by the Northwest Municipal League. This is the method used by the vast majority of municipalities.
7. Although paint may be the cheapest option available, the non-reflectivity property should limit the use primarily to parking lots.
8. To summarize, we recommend continuing to use Thermoplastic (Surface Applied) throughout the Village. For future major striping projects, staff will explore the use of recessing the pavement markings into the pavement by 1/8"-1/4". If the cost to recess the markings is cost-justified, we will recommend recessing the markings for major streets (Plum Grove, Lawrence, Rodenburg, etc.). We suspect that the cost to recess the markings will be significantly more than the cost depicted in the IDOT handbook.



Pavement Marking Selection, Installation and Inspection Manual



State of Illinois
Illinois Department of Transportation



Illinois Department
of Transportation

Table 2. Pavement marking material recommendations for maintenance striping on HMA.

MAINTENANCE STRIPING ON HMA				
Zone	AADT	Pavement Service Life ≤ 5 years ¹		Pavement Service Life > 5 years
		Surface	Recessed ²	Surface
Northern IL	Low (<= 7000)	Paint (1-2, \$0.20-\$0.10)	Urethane (5, \$0.11)	Urethane (5-6, \$0.11-\$0.10)
		Thermoplastic (3-4, \$0.22-\$0.17)	Thermoplastic (5, \$0.14)	Thermoplastic (6-7, \$0.12-\$0.10)
	High (> 7000)	Paint (1-2, \$0.20-\$0.10)	Urethane (5, \$0.11)	Urethane (5-6, \$0.11-\$0.10)
		Thermoplastic (3-4, \$0.22-\$0.17)	Thermoplastic (5, \$0.14)	Thermoplastic (6-7, \$0.12-\$0.10)
Central IL	Low (<= 7000)	Urethane (2-3, \$0.27-\$0.18)	Epoxy (5, \$0.19)	Urethane (7-9, \$0.15-\$0.12)
		Polyurea (3-4, \$0.33-\$0.25)	Polyurea (5, \$0.20)	Epoxy (6-8, \$0.16-\$0.13)
	High (> 7000)	Epoxy (2-3, \$0.47-\$0.31)	Urethane (5, \$0.11)	Urethane (5-6, \$0.11-\$0.10)
		Paint (1.5-2, \$0.13-\$0.10)	Thermoplastic (5, \$0.14)	Thermoplastic (6-7, \$0.10-\$0.08)
Southern IL	Low (<= 7000)	Thermoplastic (4-5, \$0.17-\$0.14)	Thermoplastic (5, \$0.14)	Thermoplastic (6-8, \$0.12-\$0.09)
		Urethane (3-4, \$0.18-\$0.14)	Urethane (5, \$0.11)	Urethane (6-7, \$0.10-\$0.08)
	High (> 7000)	Paint (1-2, \$0.20-\$0.10)	Thermoplastic (5, \$0.14)	Thermoplastic (6-8, \$0.12-\$0.09)
		Epoxy (3-4, \$0.31-\$0.24)	Epoxy (5, \$0.19)	Epoxy (7-9, \$0.14-\$0.11)
Notes:	Low (<= 7000)	Polyurea (3-4, \$0.33-\$0.25)	Polyurea (5, \$0.20)	Polyurea (7-9, \$0.15-\$0.12)
		Paint (1.53, \$0.13-\$0.07)	Thermoplastic (5, \$0.14)	Urethane (6-8, \$0.10-\$0.07)
	High (> 7000)	Thermoplastic (4-5, \$0.17-\$0.14)	Urethane (5, \$0.11)	Thermoplastic (7-9, \$0.10-\$0.08)
		Urethane (3-4, \$0.18-\$0.14)	Thermoplastic (5, \$0.14)	Thermoplastic (8-10, \$0.13-\$0.11)
		Paint (1.53, \$0.13-\$0.07)	Urethane (5, \$0.11)	Epoxy (7-9, \$0.14-\$0.11)
		Thermoplastic (5-, \$0.14)	Thermoplastic (5, \$0.14)	Epoxy (7-9, \$0.14-\$0.11)
		Urethane (4-5, \$0.14-\$0.11)	Polyurea (5, \$0.20)	Epoxy (7-9, \$0.14-\$0.11)
		Polyurea (4-5, \$0.25-\$0.20)	Polyurea (5, \$0.20)	Epoxy (7-9, \$0.14-\$0.11)
		Epoxy (3-4, \$0.31-\$0.24)	Polyurea (5, \$0.20)	Epoxy (7-9, \$0.14-\$0.11)

Recommendations shown are:

Material Type (expected service life, equivalent uniform annual cost per foot for a 4-inch-wide marking)

Costs are based on 2013-2014 average unit prices and a 3% discount rate.

- 1 Pavement marking service life is capped at the pavement service life (5 years).
- 2 Costs shown are for placing materials in existing grooves. Do not install new grooves for maintenance striping on HMA.

Table 4. Pavement marking material recommendations for striping on new HMA.

STRIPING ON NEW HMA			
Zone	AADT	Surface ¹	Recessed ²
Northern IL	Low (≤ 7000)	Paint (2-2, \$0.10-\$0.10) Thermoplastic (3-4, \$0.22-\$0.17)	Thermoplastic (6-7, \$0.25-\$0.22) Polyurea (7-9, \$0.26-\$0.21)
	High (> 7000)	Thermoplastic (3-4, \$0.22-\$0.17) Urethane (2-3, \$0.27-\$0.18) Polyurea (3-4, \$0.33-\$0.25) Epoxy (2-3, \$0.47-\$0.31) Preformed Plastic, Type B (3-4, \$0.97-\$0.74)	Thermoplastic (6-7, \$0.25-\$0.22) Polyurea (7-9, \$0.26-\$0.21) Urethane (5-6, \$0.27-\$0.23) Epoxy (6-8, \$0.30-\$0.23) Preformed Plastic, Type B (7-9, \$0.56-\$0.44)
Central IL	Low (≤ 7000)	Paint (2-2, \$0.10-\$0.10) Thermoplastic (4-5, \$0.17-\$0.14)	Thermoplastic (6-8, \$0.25-\$0.19) Polyurea (7-9, \$0.26-\$0.21)
	High (> 7000)	Thermoplastic (3-4, \$0.22-\$0.17) Urethane (2-3, \$0.27-\$0.18) Epoxy (3-4, \$0.31-\$0.24) Polyurea (3-4, \$0.33-\$0.25) Preformed Plastic, Type B (4-5, \$0.74-\$0.60)	Thermoplastic (6-7, \$0.25-\$0.22) Polyurea (7-9, \$0.26-\$0.21) Epoxy (7-9, \$0.26-\$0.21) Urethane (5-6, \$0.27-\$0.23) Preformed Plastic, Type B (8-10, \$0.49-\$0.41)
Southern IL	Low (≤ 7000)	Thermoplastic (5-6, \$0.14-\$0.12) Urethane (3-4, \$0.18-\$0.14)	Thermoplastic (7-9, \$0.22-\$0.17) Epoxy (7-9, \$0.26-\$0.21)
	High (> 7000)	Thermoplastic (4-5, \$0.17-\$0.14) Urethane (3-4, \$0.18-\$0.14) Paint (1-2, \$0.20-\$0.10) Polyurea (4-5, \$0.25-\$0.20) Epoxy (3-4, \$0.31-\$0.24) Preformed Plastic, Type B (5-6, \$0.60-\$0.51)	Thermoplastic (6-8, \$0.25-\$0.19) Epoxy (7-9, \$0.26-\$0.21) Polyurea (7-9, \$0.26-\$0.21) Urethane (5-6, \$0.27-\$0.23) Preformed Plastic, Type B (8-10, \$0.49-\$0.41)

Recommendations shown are:

Material Type (expected service life, equivalent uniform annual cost per foot for a 4-inch-wide marking and a 5-inch-wide groove)
Costs are based on 2013-2014 average unit prices and a 3% discount rate.

- Notes: 1 Surface applied preformed plastic shall be inlaid application.
2 Recessed preformed plastic shall be standard application.