

AGENDA  
COMMITTEE OF THE WHOLE  
SPECIAL MEETING  
JANUARY 26, 2021  
2200 Harnish Drive  
Village Board Room  
7:30 P.M.

In light of the current COVID-19 public health emergency, Governor J.B. Pritzker's Gubernatorial Disaster Proclamation, and the Village's Continuation of Proclamation of Local Disaster Emergency in response thereto, the Village President has determined that an entirely in-person meeting is not practical or prudent because of the disaster. This meeting will be held remotely and in-person, but there will be a limit of ten (10) in-person seats available for the public in the Village Board Room. The following information is being made available to the public for the purpose of public participation in the spirit of transparency and an open meeting process. The complete Committee of the Whole packet is posted at the Algonquin Village Hall and may be viewed online via the Village Board's link on the Village's website, [www.algonquin.org](http://www.algonquin.org). If you would like to listen to the meeting, please go to <https://algonquin.zoom.us/j/96228880146> or dial in (877)853-5257, (888)475-4499, or (312)626-6799 webinar ID: **962 2888 0146**. If you wish to submit any public comment, please contact the Deputy Village Clerk in advance of the meeting at 847-658-5609 or [meetingcomments@algonquin.org](mailto:meetingcomments@algonquin.org) or during the to comment during the meeting public comment portion of the meeting after logging into the zoom meeting, please raise your hand and you will be called on, if you are dialing in, dial \*9 to raise your hand. The Village will attempt to read such public comments during the public commentary portion of the meeting. Any comments received during the meeting but after the public commentary portion has ended will be provided in writing to the Village Board members after the meeting.

Remote meetings will be recorded for the purpose of accurate meeting minutes.

Trustee Brehmer– Chairperson  
Trustee Glogowski  
Trustee Spella  
Trustee Steigert  
Trustee Jasper  
Acting President Sosine

- AGENDA -

1. **Roll Call – Establish Quorum**
2. **Public Comment – Audience Participation**  
*(Persons wishing to address the Committee must register with the Chair prior to roll call.)*
3. **Community Development**
4. **General Administration**
  - A. Presentation for Capital Budget for 2021/2022
    1. Proposed Water and Sewer Improvement and Construction Fund
    2. Proposed MFT and Street Improvement Funds
    3. Proposed Park Improvement Fund
    4. Proposed Natural Area and Drainage Improvement Fund
  - B. Consider an Amendment to the IEPA Loan Agreement
5. **Public Works & Safety**
6. **Executive Session**
7. **Other Business**
8. **Adjournment**



**VILLAGE OF ALGONQUIN**  
*GENERAL SERVICES ADMINISTRATION*

**- M E M O R A N D U M -**

DATE: January 18, 2021  
TO: Committee of the Whole  
FROM: Tim Schloneger, Village Manager  
SUBJECT: Proposed Capital Budget – 2021/2022 Water & Sewer Improvement Fund

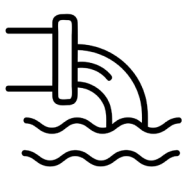
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**OVERVIEW**

Attached is the proposed budget for the Water and Sewer Improvement and Construction Fund. This fund is intended for the larger capital improvements such as expansion of the water and sewer treatment plants, distribution systems, and smaller expenditures that improve or enhance the existing water and sewer distribution systems overall. The Water and Sewer Improvement and Construction Fund is a capital account with cash reserves that can be accumulated from year to year.

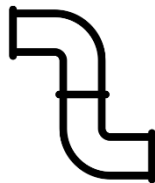
The revenue estimated for this fiscal year is \$1,898,000 (including a transfer of \$1,320,000 from the Water & Sewer Operating Fund), and expenses are budgeted at \$13,720,000, which includes initial funding for IEPA Low Interest Loans designated projects.

**Village of Algonquin Water and Sewer System**



**1**

Wastewater  
Treatment  
Facility



**139**

Miles of  
Sanitary  
Sewer



**3**

Water  
Treatment  
Plants



**169**

Miles of  
Water Main



**9**

Water  
Wells



**7**

Water  
Storage  
Tanks

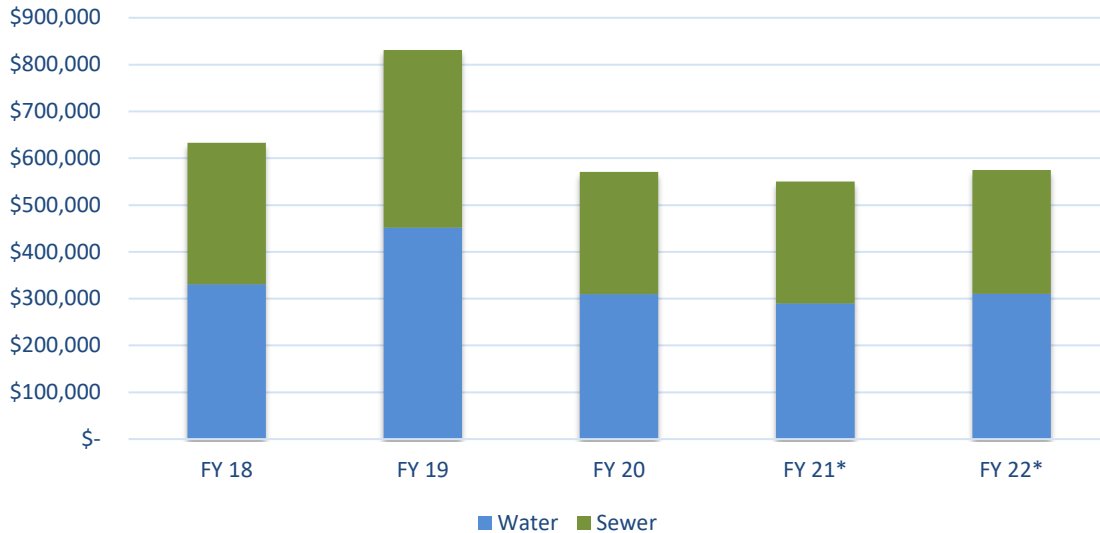
**REVENUES - \$1,898,000**

Maintaining safe drinking water and environmentally sound sewer services is one of the most important responsibilities of the Village of Algonquin. As providing water and sewer services becomes more expensive, the village is faced with the constant challenge of balancing our interest in offering a fundamental public health service at an affordable price against the necessity of managing our systems in a financially sustainable manner. Water,

sewer and all other utilities are businesses, regardless of who owns them. The village's water and sewer utilities are businesses that just happen to be owned by government.

On January 19, 2016 the Village Board adopted a new rate structure that took effect November 1, 2016. The new rates are not only fair and equitable, but are also based on an accurate cost of service analysis. The rate structure covers all costs of day-to-day operations, growth, depreciation and debt service for needed capital improvement projects.

### Water/Sewer Connection Fee History



#### **EXPENSES - \$13,720,000**

ACCOUNT 42230 - LEGAL SERVICES - \$10,000 - This line item covers services required for legal matters associated with water and sewer improvement projects.

ACCOUNT 42232 - ENGINEERING - \$1,605,000 - This line item provides payment for engineering services for the design, construction oversight, and inspection of projects planned in this fund. Projects include the following:

- Countryside Standpipe Rehabilitation - At Countryside Standpipe we are looking to partner with Suez Water/Advanced Solutions that perform Tank Maintenance & Professional Services. This is a program starts with a complete renovation of the standpipe to bring it to a “baseline condition”. Once the tank is to a “baseline condition” they start a maintenance program that Involves annual draining, cleaning, and inspections. This company will make sure we are always in compliance with AWWA, EPA, and OSHA. \$50,000 is budgeted is for baseline renovation, and therefore will flatten the budget annually. The monies provided here will pay for a consultant to be onsite while the work is progressing to ensure that specifications are being followed and quality work is performed on baseline rehab work.
- Downtown Streetscape Stage 3 - \$25,000 is provided for this work that will involve the Phase 3 Construction Oversight Services necessary for installation of potable water and sanitary sewer upgrades to wet utilities between the Riverfront Lift Station near Port Edward Restaurant and a new deep lift station in Zimmerman Park at LaFox Drive and Center Street. This will be a deep sewer that will eventually eliminate two lift stations and the sanitary sewer bottleneck that exists in the Algonquin Hills

Subdivision, and get the Village one step closer to a new trunk sewer all the way to the treatment plant. This project will upgrade old water main, where needed, and replace any, and all lead services encountered during the project.

- Huntington to Countryside 16" Watermain West - \$125,000 is provided for phase 1 engineering on the westside section of 16" watermain that starts from the bypass to Huntington Standpipe.
- PRV Replacement Program Year 1 - This plan replaces two PRV stations with upgraded versions similar to the facility installed at Springhill and County Line Road. The plan also eliminates two PRVs on the west side of town that have proven to be superfluous. The work will also eliminate about 1000 feet of 12-inch water main that is no longer critical to the operation of the distribution system and that runs under a wetland where it would be almost impossible to access. \$5,000 is provided to final out this project.
- PRV Replacement Program Year 2 & 3 - \$140,000 is provided pursuant to evaluate and replace PRV's. Replacement was defined in the Water System Master Plan.
- Ratt Creek Reach 5 (High Hill Dam Area) - \$210,000 is provided to relocate and line sanitary sewer from the High Hill Dam detention area that would be impossible for maintenance crews to access should they ever fail. Sanitary sewers will be moved to the perimeter of the site and around the dam.
- State Revolving Loan Fund Administration - \$25,000 is provided to a administer the IEPA low interest loan.
- WTP 3 PFAS Mitigation Study - \$50,000 is provided in this line to perform an overall study at WTP #3 for per-and polyfluorinated substances (PFAS).
- WWTP Phase 6B Improvements - \$570,000 is provided for work that will involve the Phase 3 Construction Services to oversee the construction of several large maintenance projects necessary to upgrade the existing WWTF to more manageable and serviceable conditions. The work includes complete upgrades to the anaerobic digestion system, expansion of the aerobic digestion system, replacement of the gravity belt thickeners, modernization of the Primary Clarifiers, electrical and SCADA upgrades, emergency power generation, and a new roof on the entire main complex.
- Contract Engineer - \$100,000 is provided to contract for onsite engineering services to assist staff in managing the large number of RFPs and contracts that will be flowing through the Public Works Administration offices over the next several years. The scope of services for this individual may include generation of RFPs for design and field services, plan review and comment, customer service and correspondence, and contract administration. The contract engineer will be under the direction of the Public Works Director and will work jointly to assist the Project Manager.
- PR Firm - \$50,000 is provided to hire a public relations firm to address the desire for more, and better, communication about infrastructure improvements projects within the Village They will assist with public meetings in advance of construction, project brochures, social media updates, email list blasts, individual project websites with

updated schedules, traffic pattern information, project updates and photos. All public facing information would be kept current and refreshingly informative.

- Braewood Lift Station Improvements Assessment - \$10,000 is provided for the Braewood Lift Station, which is the Village's largest lift station located in the central portion of the Village. It is downstream of Brittany Hills and Grand Reserve Lift Station and serves about 6,470 PE, including the upstream lift stations. The 2014 Facility Plan Update identified that the existing Braewood Lift Station rated pumping capacity was not adequate to meet current peak flows. Drawdown test results also indicated that the pumps were operating far above the rated capacity and outside accepted tolerances. While the excess pumped output assists to meet peak flows, the pump design at this lift station warrants further analysis beyond that performed for master planning purposes, to determine or verify that the pump run-out conditions are not causing harmful cavitation to the pump impellers. The station does not have bypass pumping capabilities which are required by code. There is proposed development within the lift station's service area and a capacity study of the existing pumps and force main should be completed. The Study will define the necessary upgrades required to meet future demands. The existing pumps were installed in 2004 and have a service life of 20 years. Therefore, the pumps should be considered for replacement. A Lift Station Assessment will provide the Village with a roadmap on what improvements need to be made to the Lift Station for code compliance and to meet capacity requirements from the proposed in- basin development.
- Biosolids Handling: \$70,000 is provided for improvements recommended in the 2014 Plan which identified major deficiencies of all biosolids handling processes – aerobic digestion, anaerobic digestion, WAS thickening and sludge dewatering. Completion of Preliminary Design will provide the Village with a more precise probable construction cost to implement the selected improvements that can be used for future budgeting.
- Woods Creek Lift Station Upgrades: \$35,000 is provided for the construction oversight necessary to upgrade the service to the Terrace Hill golf course property, commonly known as the Trails of Woods Creek Subdivision. A portion of the Water & Sewer Improvement fees will be used to fund the implementation of this project. The subdivision will add nearly 280 single family homes to the tributary area of this lift station. The improvements will provide pump station capacity requirements and the necessary lift station upgrades to properly serve the existing service area with the proposed development.
- Boyer Road and County Line Road Watermain: \$140,000 is provided for phase 2 engineering for water main installation to provide water service and capacity to areas of future development in the Longmeadow Parkway area. This water main extension includes a new 16-inch water main that will be an important hydraulic link between Jacobs Water Tower and the new Longmeadow Water Tower.

#### ACCOUNT 43370 – INFRASTRUCTURE MAINTENANCE - \$500,000

- Countryside Standpipe Rehabilitation - At Countryside Standpipe we are looking to partner with Suez Water/Advanced Solutions that perform Tank Maintenance & Professional Services. This is a program starts with a complete renovation of the standpipe to bring it to a "baseline condition". Once the tank is to a "baseline

condition” they start a maintenance program that Involves annual draining, cleaning, and inspections. This company will make sure we are always in compliant with AWWA, EPA, and OSHA. \$500,000 is budgeted is for baseline renovation, and therefore will flatten the budget annually.

#### ACCOUNT 44416 – COLLECTION SYSTEM MAINTENANCE - \$600,000

- Sanitary Sewer Rehabilitation - \$100,000 is provided for this ongoing program to identify and correct failures in the sanitary sewer collection system derived from sanitary sewer studies in order to prolong the life cycle and reduce routes of inflow and infiltration. Work includes potential manhole rehabilitation, sanitary sewer line replacements, and CIPP (Cured in Place Pipe), or lining of sanitary sewer pipe.
- Ratt Creek Reach 5 (High Hill Dam Area) - \$500,000 is provided to line sanitary sewer in areas above and below the High Hill Dam detention area that would be impossible for maintenance crews to access should they ever fail.

#### ACCOUNT 45520 – WATER TREATMENT PLANT - \$0

#### ACCOUNT 45526 – WASTEWATER COLLECTION - \$3,285,000

- Downtown Streetscape Stage 3 - \$450,000 is provided for this work that will involve the construction services necessary for installation of sanitary sewer upgrades to wet utilities between the Riverfront Lift Station near Port Edward Restaurant and a new deep lift station in Zimmerman Park at LaFox Drive and Center Street. This will be a deep sewer that will eventually eliminate two lift stations and the sanitary sewer bottleneck that exists in the Algonquin Hills Subdivision, and get the Village one step closer to a new trunk sewer all the way to the treatment plant.
- Ratt Creek Reach 5 Sewer Relocation (High Hill Dam Area) - \$2,500,000 is provided to relocate sanitary sewer from the High Hill Dam detention area that would be impossible for maintenance crews to access should they ever fail. Sanitary sewers will be moved to the perimeter of the site and around the dam.
- Woods Creek Lift Station Upgrades - \$335,000 is provided to upgrade the service to the Terrace Hill golf course property, commonly known as the Trails of Woods Creek Subdivision. A portion of the Water & Sewer Improvement fees will be used to fund the implementation of this project. The subdivision will add nearly 280 single family homes to the tributary area of this lift station. The improvements will provide pump station capacity requirements and the necessary lift station upgrades to properly serve the existing service area with the proposed development.

#### ACCOUNT 45565 – WATER MAIN - \$820,000

- Downtown Streetscape Stage 3 - \$200,000 is provided for this work that will involve the construction services necessary for installation of sanitary sewer upgrades to wet utilities between the Riverfront Lift Station near Port Edward Restaurant and a new deep lift station in Zimmerman Park at LaFox Drive and Center Street. This will be a deep sewer that will eventually eliminate two lift stations and the sanitary sewer bottleneck that exists in the Algonquin Hills Subdivision, and get the Village one step closer to a new trunk sewer all the way to the treatment plant. This project will also

upgrade old water main, where needed, and replace any, and all lead services encountered during the project.

- PRV Replacement Program Year 1 - This plan replaces two PRV stations with upgraded versions similar to the facility installed at Springhill and County Line Road. The plan also eliminates two PRVs on the west side of town that have proven to be superfluous. The work will also eliminate about 1,000 feet of 12-inch water main that is no longer critical to the operation of the distribution system and that runs under a wetland where it would be almost impossible to access. \$20,000 is provided to final out this project.
- PRV Replacement Program Year 2 - \$600,000 is provided for this plan which includes the Removal of Zange PRV and the installation of a prefabricated station, SCADA integration for the new station, water main improvements, the removal of the PRV at Arquilla at Hanson Rd, water main improvements including a flushing device for the dead end water main, install individual in-building PRVs, eliminate the PRV at Eastgate and Webster will include, removal of the existing PRV, water main improvements including water main looping to eliminate dead ends or install a flushing device.

#### ACCOUNT 45570 – WASTEWATER TREATMENT FACILITY - \$6,900,000

- WWTP Phase 6B Improvements - \$6,900,000 is provided for this project which involves the construction of several large maintenance projects necessary to upgrade the existing WWTF to more manageable and serviceable conditions. The work includes complete upgrades to the anaerobic digestion system, expansion of the aerobic digestion system, replacement of the gravity belt thickeners, modernization of the Primary Clarifiers, electrical and SCADA upgrades, emergency power generation, and a new roof on the entire main complex.

#### **SUMMARY OF WATER AND SEWER CAPITAL IMPROVEMENT BUDGET**

The projects covered in this memo for water and sewer improvements are recommended for approval based on continued implementation of the multi-year Water/Sewer Capital Improvement Plan. These recommended expenditures continue the implementation of our capital utility planning and add reliability to the water and sewer system for the residents of the village.

Attachment

# Water and Sewer Improvement and Construction Fund

# Revenues

			FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Actual	FY 20/21 Q2	FY 20/21 Budget	FY 21/22 Budget
12000400	33035	Donations - Operating W&S	\$ -	\$ 140.00	\$ -	\$ -	\$ -	\$ -
12000400	33055	Donations - Capital W&S	-	145,382.00	-	459,855.00	-	-
12000400	34800	Water Tap-On Fees	330,620.00	451,800.00	309,801.00	325,463.00	290,000.00	310,000.00
12000400	34810	Sewer Tap-On Fees	302,012.00	379,519.00	260,906.00	311,184.00	260,000.00	265,000.00
12000500	36001	Interest	217.74	386.08	328.58	209.69	200.00	100.00
12000500	36020	Interest - Investment Pools	72,778.03	95,871.12	244,484.11	1,961.76	35,800.00	2,900.00
12000500	38007	Transfer from W&S Operating	1,318,838.97	1,324,647.00	6,012,776.00	668,248.68	1,320,000.00	1,320,000.00
<b>Water &amp; Sewer Imp. &amp; Const. Fund Total</b>			<b>\$ 2,024,466.74</b>	<b>\$ 2,397,745.20</b>	<b>\$ 6,828,295.69</b>	<b>\$ 1,766,922.13</b>	<b>\$ 1,906,000.00</b>	<b>\$ 1,898,000.00</b>



# Water and Sewer Improvement and Construction Fund

# Expenses

			FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 20/21	FY 21/22	FY 21/22	FY 21/22
			Actual	Actual	Actual	Q2	Budget	Dept.	Manager	Budget
<b>Nondepartmental</b>										
12900400	42230	Legal Services	\$ 1,662.50	\$ 2,231.25	\$ 1,706.25	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -
12900400	42232	Engineering Services	100,677.93	22,210.23	235,333.42	353,269.65	1,930,000.00	1,225,000.00	1,605,000.00	-
12900400	43348	Meters & Meter Supplies	-	1,901,759.88	1,858,506.24	-	-	-	-	-
12900400	43370	Infrastructure Maintenance	654,836.93	700.00	600,808.80	131,109.15	1,300,000.00	3,000,000.00	500,000.00	-
12900400	44416	Collection System Maintenance	-	99,463.38	91,374.00	47,658.38	100,000.00	600,000.00	600,000.00	-
<b>Subtotal</b>			<b>\$ 757,177.36</b>	<b>\$ 2,026,364.74</b>	<b>\$ 2,787,728.71</b>	<b>\$ 532,037.18</b>	<b>\$ 3,340,000.00</b>	<b>\$ 4,835,000.00</b>	<b>\$ 2,715,000.00</b>	<b>\$ -</b>
<b>Capital Expenditures</b>										
12900400	45520	Water Treatment Plant	\$ -	\$ 653.34	\$ -	\$ 231,224.80	\$ 300,000.00	\$ -	\$ -	\$ -
12900400	45526	Wastewater Collection	-	-	-	2,043,175.19	4,690,000.00	450,000.00	3,285,000.00	-
12900400	45565	Water Main	1,096.19	-	-	666,804.05	1,160,000.00	820,000.00	820,000.00	-
12900400	45570	Wastewater Treatment Facility	-	-	-	4,372,077.54	12,500,000.00	6,900,000.00	6,900,000.00	-
<b>Subtotal</b>			<b>\$ 1,096.19</b>	<b>\$ 653.34</b>	<b>\$ -</b>	<b>\$ 7,313,281.58</b>	<b>\$ 18,650,000.00</b>	<b>\$ 8,170,000.00</b>	<b>\$ 11,005,000.00</b>	<b>\$ -</b>
<b>Water &amp; Sewer Imp. &amp; Const. Fund Total</b>			<b>\$ 758,273.55</b>	<b>\$ 2,027,018.08</b>	<b>\$ 2,787,728.71</b>	<b>\$ 7,845,318.76</b>	<b>\$ 21,990,000.00</b>	<b>\$ 13,005,000.00</b>	<b>\$ 13,720,000.00</b>	<b>\$ -</b>
Actual figures have been adjusted to reflect capitalization of fixed assets, per auditor.										
Capital expenditures are transferred to and capitalized in the Water & Sewer Operating Fund.										



**VILLAGE OF ALGONQUIN**  
*GENERAL SERVICES ADMINISTRATION*

**– M E M O R A N D U M –**

DATE: January 18, 2021

TO: Committee of the Whole

FROM: Tim Schloneger, Village Manager

SUBJECT: Proposed Capital Budgets – 2021/2022 - MFT & Street Improvement Funds

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**OVERVIEW**

Attached are the proposed fiscal year 2021/2022 budgets for the Motor Fuel Tax (MFT) Fund and the Street Improvement Fund. These two funds have separate sources of revenue collection and expenditure requirements. The projects recommended in these two funds continue the village's commitment to maintenance and implementation of the multi-year street improvement program.

The MFT and Street Improvement Funds budget assumes carryover projects from the current fiscal year, outstanding monies to be paid to the state of Illinois for previously completed projects, a draw down in cash reserves, grants, future tax increment financing (TIF) fund reimbursements and the possibility of future issuance of debt. These factors will allow expenditures of road projects to exceed revenues by \$7,445,000. The projected revenue for the two funds total \$11,605,000 (including a \$5,500,000 General Fund Transfer), and the proposed engineering, road construction and maintenance expenditures total \$19,050,000.

**CAPITAL IMPROVEMENT PLAN**

A Capital Improvement Plan (CIP) is a multi-year plan identifying capital projects to be funded during the planning period. The CIP identifies each proposed capital project to be undertaken, the year the assets will be acquired or the project started, the amount of funds expected to be expended in each year of the CIP, and the way the expenditure will be funded. A CIP is not a static document. It is reviewed every year to reflect changing priorities and unexpected events and opportunities. A CIP includes the maintenance, repair and rehabilitation of existing infrastructure as well as the construction of new infrastructure.

Infrastructure deterioration continues at a constant pace, regardless of revenues or economic conditions. All roads eventually reach the end of their useful life. As the physical condition of the asset declines, deferring maintenance and/or replacement increases long-term costs and liabilities. Our goal is to manage the village's roads in order to minimize the total cost of owning and maintaining them while continuously delivering the standard that the community expects.

Preventive maintenance is key to controlling long-term costs. It costs less in the long run to have good roads than bad roads--if you continuously keep up with preventive maintenance. Deferred maintenance drives up long-term costs; it shortens the cycle for rehabilitation which is four times as costly. Deferred rehabilitation compounds the problem, often leading to pavement failure and the need to reconstruct the whole roadbed, at ten times the cost.

Continued investment in village infrastructure is critical to avoid major structural failures in our road and drainage network in the near future. The capital expenditures for roads and drainage proposed in these funds continue to address the aged and deteriorating infrastructure of the community.

### **CIP UPDATE**

In 2015 the village engaged IMS Infrastructure Management Services (IMS) to perform data collection services through an automated pavement condition survey. The survey included a Road Surface Tester surface condition survey and Dynaflect-based deflection testing on the entire street network.

Following the completion of the data collection by IMS, the village processed the deflection and surface data and imported it into a pavement management application. The village analyzed the data and created reports and exhibits of the pavement network.

The results of the study revealed that the Village is in a state of decline in the overall condition of the roadway system. However, the initial news was good, in that the current rating of the overall system was a seventy-two (72) according to the Pavement Condition Index (PCI) standards. While this was a positive score, it did mean that half of the system was rated at less than seventy-two (72), and was at a point where it will begin failing more quickly unless immediate action is taken.

According to the scenarios examined using the software, in order to maintain a rating of seventy-two (72) over a five (5) year period, an investment of \$87,429,000 in construction costs (excluding engineering) was required beginning in 2016. Given the financial commitment, and the sheer effort required to perform the work, staff compiled an aggressive program. The fiscal year 2021/2022 reflects the sixth year of the improvement efforts.

### **MFT FUND REVENUES - \$1,105,000**

Under the MFT Fund, the primary revenue sources are the Motor Fuel Tax allotments provided by the State of Illinois and interest income on accumulated cash reserves.

### **MFT FUND EXPENDITURES - \$2,090,000**

ACCOUNT 42232 - ENGINEERING/DESIGN - \$0

ACCOUNT 43309 - MATERIALS - \$380,000

- \$340,000 - Road Salt is used for general deicing of roadways during snow and ice removal operations. This is applied to make sure that any ice on the road surface is melted, therefore making the road less slippery and reducing the probability of a vehicular accident for the traveling public.
- \$20,000 - New wave deicers and brines are applied to road salt to increase its effectiveness as an ice melting product in severely cold conditions.

- \$20,000 - We are providing money to purchase asphalt material so our in-house crews can patch failing sections of pavement.

#### ACCOUNT 43370 - INFRASTRUCTURE MAINTENANCE - \$350,000

- Bike Path Repair - We have been inspecting our trail system every year in order to keep the paths in a safe and useable condition. \$100,000 is allocated for contract services to repair any path that we deem necessary in our inspections.
- Asphalt Patching - \$250,000 is allocated to contract out our asphalt patching program. In this program we patch Village owned roads that are deteriorating and are not yet in the capital budget for a full grind an overlay or rehabilitation. The patching allows the roadways to stay in safe and drivable condition until funding is available for a more permanent fix.

#### ACCOUNT 44427 – MAINTENANCE – CURB/SIDEWALK - \$700,000

- \$700,000 is allocated for contracted curb, sidewalk and driveway removal and replacement. Each year we inspect approximately 1/5th of the Village's sidewalks, curb and driveway aprons for any deviations or structural issues. A contractor is then hired to remove and replace anything noted in our inspections.

#### ACCOUNT 44428 – MAINTENANCE – STREETS - \$240,000

- Pavement Marking - \$90,000 has been provided for both thermoplastic and paint pavement marking to be done by a contractor. Each year the Village participates in a joint bid with the McHenry County Highway Department as well as other McHenry County communities to provide this service. We try to cover about 1/4 of the village each year so that markings stay visible and clean in directing the motoring public.
- \$150,000 allocated for street sweeping provides for 13 cycles of contracted service of the Village throughout the year, as well as 2-3 extra sweepings in the fall to cover leaves. A contingency cost is also provided for special event and emergency call out sweeping services.

#### ACCOUNT 44429 – MAINTENANCE – STREET LIGHTS - \$220,000

- \$220,000 has been provided for contract maintenance for Village owned street lighting. This cost covers a monthly inspection by a hired contractor of all Village owned street lights and parking lot lights as well as any routine maintenance items that need to be done to keep the lights working. This budget item also covers any major repairs such as replacement of a light pole or fixture due to traffic accidents or other circumstances.

#### ACCOUNT 44431 – MAINTENANCE – STORM SEWER - \$200,000

- \$200,000 is provided in this line item to pay a contracted service to do storm sewer cleaning as required by the MS4 Regulations laid down by the IEPA. This contracted service will allow us to get this routine maintenance activity on a regular schedule so that we can cover the entire system in a reasonable time frame. Removing solids

from the storm sewer system prevents these materials from being deposited in the Fox River.

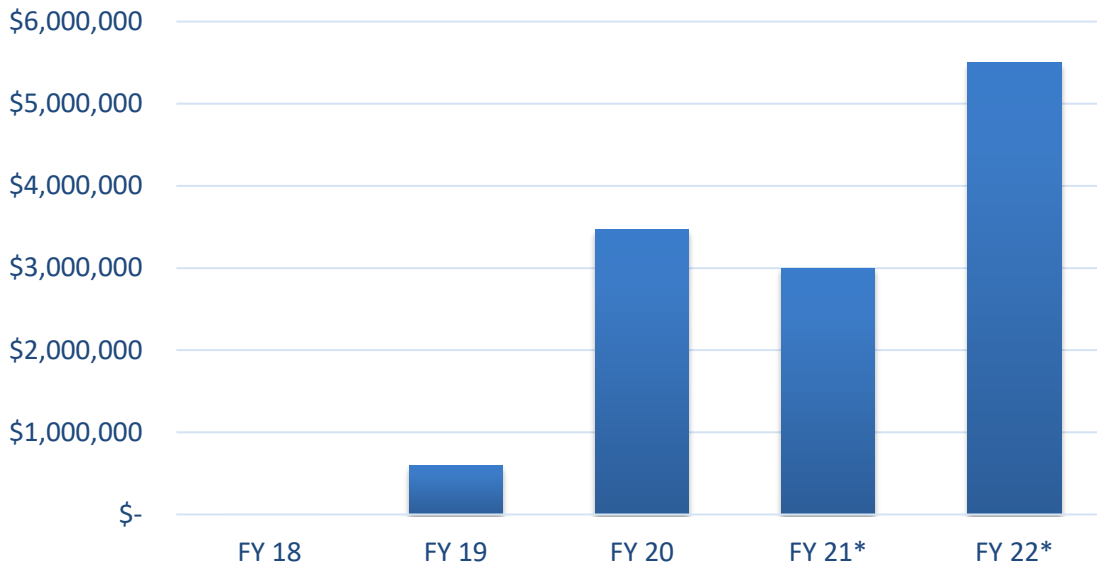
ACCOUNT 45593 – CAPITAL IMPROVEMENTS – \$0

- No funds are allocated for capital improvements this fiscal year.

**STREET IMPROVEMENT FUND REVENUES - \$10,500,000**

The estimated revenues for the Street Improvement Fund include the utility tax receipts, telecommunications tax, 100% of the home rule sales taxes, grants, interest estimated for this fiscal year, and a \$5,500,000 inter-fund transfer from the General Fund. In the five-year period shown below, approximately \$12.5 million of one-time transfers have been made available to finance projects in the Street Improvement Fund.

**Transfers from General Fund**



**STREET IMPROVEMENT FUND EXPENDITURES - \$16,960,000**

ACCOUNT 42230 - LEGAL SERVICES - \$10,000 – This line item covers legal services associated with street improvement projects such as right-of-way and easement research. Additional monies are budgeted for permanent easement acquisition within this fiscal year.

ACCOUNT 42232 - ENGINEERING DESIGN SERVICES – \$2,435,000 - The professional services anticipated in this item include construction oversight and inspection services for projects to be built during the next 3 years:

- 20 Washington & Existing Washington Street Parking Lots - \$25,000 is provided for the design and installation of a parking area on the Northeast corner of S. Harrison St. and Washington St. The project will include drainage improvements and a simple parking area. In conjunction with this project we are also proposing to re-surface the existing municipal lot on Washington.

- Algonquin Lakes - \$90,000 is provided for construction oversight for this project. The work in the Algonquin Lakes Subdivision will involve curb and driveway patching, minor drainage system repairs and roadway repair and resurfacing. The work will involve improvements to Compton Drive, from Sandbloom Road to the end of the subdivision, as well as all other subdivision local roads west of Lake Gillian Way.
- Boyer and County Line Roads - \$60,000 is provided for these two projects that have significant issues related to geometric, drainage and pedestrian access to meet State ADA regulations. Additionally, future utility improvements must now be considered prior to moving forward. Money has been provided to update the engineering plans.
- Broadsmore & Stonegate Roads - \$50,000 is provided for the work in the Willoughby Farms Estates Subdivision that will involve curb and driveway patching, minor drainage system repairs and pavement repair and resurfacing. The work will involve improvements to Broadsmore Drive, from Randall to Stonegate, and Stonegate Road, from Longmeadow Parkway to Grandview Drive.
- Bunker Hill Drive – \$125,000 is provided for Phase I & II Engineering. The Bunker Hill Drive project is proposed as a road rehabilitation project that completes the portion of Bunker Hill from the limits of the County's Randall Road Improvement to the westerly limit of the Creekside Subdivision, between Saratoga Circle and Greens View Drive. Currently, this section of road had a terribly rough ride, particularly in the winter when the ground is frozen, due to a questionable base that was built over an old farmed wetland. The scope of the project will include topographical survey, geotechnical analysis of subbase conditions, select curb and gutter removal and replacement, sidewalk repair (per the Public Works Department survey results) bike path replacement, storm structure assessment and repair/replacement, and subbase repair and new asphalt driving surface.
- Downtown Streetscape Main Street & Harrison Street Bike Path & Roundabout - \$400,000 is provided for the project that involves the construction of a modern Round-a-Bout (RAB) at the intersection of North Main Street and Cary-Algonquin Rd., the reduction of overall vehicular pavement on North Main St. between the RAB and Riverview Ln., the installation of an off-pavement Bike Path on North Main St. to Riverview Ln., On-pavement Bike path down Park St. and North Harrison, continuing to the MCCD Bike path on South Harrison. There will also be Streetscape improvements along North and South Harrison with Brick pavers and speed tables. The project is funded through several grants and funding from McHenry County.
- Downtown Streetscape Riverwalk & South Harrison Street Bridge – \$100,000 is provided for this project which is a continuation of the Village's Downtown Streetscape multi-phased improvement plans. The scope of the project involves the total replacement of the S. Harrison Street Bridge (wider and less restrictive to the high flows of Crystal Creek), regrading and natural/hardscape reinforcement of the creek bed thereby lowering the surrounding flood elevations and making Village-owned lands marketable for redevelopment, trail/walkway enhancements connecting Towne Park and Cornish Park via an attractive pedestrian link to downtown that will include lighting, architectural railings, and other visually pleasing amenities to compliment the area. Permitting has already been acquired for this project and these

monies will prepare the current plans to move into a design-build agreement to begin the work in fiscal year 2022/2023.

- Downtown Streetscape Washington & South Harrison Streetscape & Utility Lowering – \$110,000 is provided for this project which is another continuation of the Downtown Streetscape multi-phased plan. The scope of this project takes the downtown streetscape enhancements, using all the same design elements of Main Street, and extends work on S. Harrison Street, from Algonquin Road to Washington Street, the intersection of Washington Street and S. Harrison, and the public plaza area on Washington, from S. Harrison to Main Street. The intersection at Washington and S. Harrison will be a brick intersection (similar to Main Street). The public plaza will be a curbless section that can be closed for public events, allowing pedestrians and patrons to gather safely in that area to enjoy entertainment without worrying about tripping on curbs. Walkways will be protected from traffic on normal days by planters, seat-walls, bollards and lighting standards. Tivoli lighting and pedants hung from cabling will light the area and create a very inviting atmosphere for the area businesses and customers. This project also includes the second section of the utility line lowering including S. Harrison St, Washington St. between Towne Park & S. Harrison St., and S. Harrison St. Parking Lot. Conduits for the line lowering have already been installed under the creek bed of Crystal Creek.
- Harnish Drive - \$250,000 is provided for construction oversight for this project. The work will involve curb and driveway patching, drainage system repairs, compliant ADA pedestrian street crossings, and roadway repair and resurfacing. The work will include Harnish Dr. from Randall Rd. to Eagle Ridge Ln.
- High Hill Subdivision - \$125,000 is provided in this line item to finish Phase 1 engineering on this project that was started last FY. The work in the High Hill Subdivision will involve curb and driveway patching, minor drainage system repairs and pavement resurfacing and repair, as necessary. The work will involve improvements to Winchester, Sussex, Jester, Kirkland, Majestic, Chatham, Bristol and Regal Drive.
- Lake Drive South – \$80,000 is provided for the construction oversight services for the construction phase of this work. This project was selected by IMS as a high value project that will maintain a fairly good pavement and raise it to a higher level-of-service and improved PCI (pavement condition index). The work on Lake Drive South will involve curb and driveway patching, minor drainage system repairs and pavement patching and repair, as necessary. The work will involve improvements to Lake Drive South, from Algonquin Road to Huntington Drive N, including the adjacent cul-de-sacs of Lake Drive Court and Falcon Ridge Ct.
- North River Road - \$200,000 is provided for this roadway as it nears its next cycle of reconstruction. Phase 1 engineering will begin the tedious project which must be done relative to this roadway prior to its next reconstruction, right of way delineation and acquisition. The historic documents relative to this roadway do not clearly define full and clear Village ownership of the right of way in which the road resides. The project will work to bring this roadway in to clear legal definitions and ownership as well as begin the design process for its next repair cycle.

- Randall Road Wetland Complex Stage 1 - \$50,000 is provided for the project that includes improving the existing wetland complex between Randall Road & Stonegate Road including a berm and water control structure to enhance upland water features and provide on-line detention for several contiguous public and private development projects. An existing turf grass detention will be retrofitted and shaped to provide additional storm water capacity, a portion of Ratt Creek will be stabilized, and invasive species will be physically and chemically removed (Note: The project is currently in progress and is recommended remaining in the Street Improvement Fund instead of moving to the Natural Area and Drainage Improvement Fund).
- Ratt Creek Reach 5 - \$50,000 is provided now that the Harper Drive bike path connection has been constructed. We would like to clean up and restore the creek and the High Hill Dam detention area. This will make a much more pleasurable experience of the natural area for people using the path. This creek is also experiencing heavy erosion and down cutting causing siltation to build up behind the dam. This area is identified in the Jelkes Creek-Fox River Watershed Plan as a critical area for water quality protection (Note: The project is currently in progress and is recommended remaining in the Street Improvement Fund instead of moving to the Natural Area and Drainage Improvement Fund).
- Scott Street - \$100,000 is provided for construction oversight for this project. The work will involve curb and driveway patching, drainage system repairs, compliant ADA pedestrian street crossings, and roadway repair and resurfacing. The work will occur between Souwanas Tr. and Webster St.
- Willoughby Farms Section 1 – \$390,000 is provided for the initial phases of Kimball Hill's Willoughby Farms were constructed and marketed in the early 1990's, and the pavements have been maintained and patched, as needed, since that time. Pavement that are approaching 30 years of age can no longer be addressed through normal maintenance and have to be repaired and replaced, in total. The area being proposed for engineering and rehabilitation are within the entire quarter quarter-section that includes the area south of County Line Road to the Westfield School property, on the south, and from the Gallery Center, on the west, to Sleepy Hollow, on the east. The project scope will include topographical survey, geotechnical analysis of subbase conditions, select curb and gutter removal and replacement, sidewalk repair (per the Public Works Department survey results) bike path replacement, storm structure assessment and repair/replacement, and subbase repair and new asphalt driving surface. Barrier curb will be installed around the entire perimeter of the Willoughby Farms Park to prevent motorists and park patrons from driving into the park and creating turf damage.
- Terrace Hill - \$50,000 is provided for this project that involved the rehabilitation of all the severely failed local roads in the Terrace Hill subdivision. The scope of the project will encompass removal and repair of all asphalt, assessment of the existing subbase, patching of failed curb sections throughout, replacement of all mountable curb in front of each driveway, patching of driveway approaches within the ROW, repair of any failed storm sewer structures, and restoration of any landscaping disturbed by construction. This project was started last fiscal year and the work will be completed this year.



- Contract Engineer - \$100,000 is provided to contract for onsite engineering services to assist staff in managing the large number of RFPs and contracts that will be flowing through the Public Works Administration offices over the next several years. The scope of services for this individual may include generation of RFPs for design and field services, plan review and comment, customer service and correspondence, and contract administration. The contract engineer will be under the direction of the Public Works Director and will work jointly to assist the Project Manager.
- PR Firm - Public Works will again hire a public relations firm for \$50,000 to address the ever-increasing outcry for more, and better, communication about infrastructure improvements projects within the Village. They will assist with public meetings in advance of construction, project brochures, social media updates, email list blasts, individual project websites with updated schedules, traffic pattern information, project updates and photos. All public facing information would be kept current and refreshingly informative.

ACCOUNT 43370 – INFRASTRUCTURE MAINTENANCE - \$6,770,000 – The anticipated projects include the following:

- 20 Washington & Existing Washington Street Parking Lots - \$150,000 is provided for the project which will include drainage improvements and a simple parking area at the Northeast corner of Washington St. and S. Harrison St. This project will also include the resurfacing of the existing municipal lot on Washington Street.
- Algonquin Lakes - \$1,750,000 is provided for construction for this project. The work in the Algonquin Lakes Subdivision will involve curb and driveway patching, minor drainage system repairs and pavement resurfacing and repair, as necessary. The work will involve improvements to Compton Drive, from Sandbloom Road to the end of the subdivision, as well as all other subdivision local roads west of Lake Gillian Way.
- Brick Paver Maintenance \$200,000 is provided in this line item to repair failed brick pavers on Bunker Hill and Square Barn Road in the Manchester Lakes and Terrace Lakes subdivisions.
- Harnish Drive - \$3,750,000 is provided for construction of this project. The work will involve curb and driveway patching, drainage system repairs, compliant ADA pedestrian street crossings, and roadway repair and resurfacing. The work will include Harnish Dr. from Randall Rd. to Eagle Ridge Ln.
- Lake Drive South – \$800,000 is provided for this project which was selected by IMS as a high value project that will maintain a fairly good pavement and raise it to a higher level-of-service and improved PCI (pavement condition index). The work on Lake Drive South will involve curb and driveway patching, minor drainage system repairs and pavement patching and repair, as necessary. The work will involve improvements to Lake Drive South, from Algonquin Road to Huntington Drive N, including the adjacent cul-de-sacs of Lake Drive Court and Falcon Ridge Ct.
- Reclamite Treatment. \$120,000 is provided for this product that we apply on all our roads within a year after they are constructed. It is an asphalt rejuvenator that helps to extend the life of asphalt pavement.

ACCOUNT 45593 – CAPITAL IMPROVEMENTS - \$7,400,000 – the anticipated projects include the following:

- Crystal Creek Bridge Replacement - \$500,000 is provided for the Main Street Bridge over Crystal Creek. It is being replaced in conjunction with the Downtown streetscape Stage 1A project. Money is provided her to final out the project and wait for IDOT to bill us for our portion of the cost.
- Downtown Streetscape Main Street & Harrison Street Bike Path & Roundabout - \$3,350,000 is provided for the project that involves the construction of a modern Round-a-Bout (RAB) at the intersection of North Main Street and Cary-Algonquin Rd., the reduction of overall vehicular pavement on North Main St. between the RAB and Riverview Ln., the installation of an off-pavement Bike Path on North Main St. to Riverview Ln., On-pavement Bike path down Park St. and North Harrison, continuing to the MCCD Bike path on South Harrison. There will also be Streetscape improvements along North and South Harrison with Brick pavers and speed tables. The project is funded through several grants and funding from McHenry County.
- Highland Avenue - \$500,000 reflects the amount we are still waiting to be billed from IDOT.
- Randall Road Wetland Complex - \$450,000 is provided for the project that includes improving the existing wetland complex between Randall Road & Stonegate Road including a berm and water control structure to enhance upland water features and provide on-line detention for several contiguous public and private development projects. In stage 1, an existing turf grass detention will be retrofitted and shaped to provide additional stormwater capacity, a portion of Ratt Creek will be stabilized, and invasive species will be physically and chemically removed (Note: The project is currently in progress and is recommended remaining in the Street Improvement Fund instead of moving to the Natural Area and Drainage Improvement Fund).
- Ratt Creek Reach 5 - \$1,300,000 is provided now that the Harper Drive bike path connection has been constructed. We would like to clean up and restore the creek and the High Hill Dam detention area. This will make a much more pleasurable experience of the natural area for people using the path. This creek is also experiencing heavy erosion and down cutting causing siltation to build up behind the dam. This area is identified in the Jelkes Creek-Fox River Watershed Plan as a critical area for water quality protection (Note: The project is currently in progress and is recommended remaining in the Street Improvement Fund instead of moving to the Natural Area and Drainage Improvement Fund).
- Scott Street - \$1,000,000 is provided for construction of this project. The work will involve curb and driveway patching, drainage system repairs, compliant ADA pedestrian street crossings, and roadway repair and resurfacing. The work will occur between Souwanas Tr. and Webster St.
- Terrace Hill - \$300,000 is provided for this project that will involve the rehabilitation of all the severely failed local roads in the Terrace Hill subdivision. The scope of the project will encompass removal and repair of all asphalt, assessment of the existing subbase, patching of failed curb sections throughout, replacement of all mountable

curb in front of each driveway, patching of driveway approaches within the ROW, repair of any failed storm sewer structures, and restoration of any landscaping disturbed by construction. This project was started last fiscal year and the work will final out this year.

### **SUMMARY OF CAPITAL MFT AND STREET IMPROVEMENT BUDGETS**

By implementation of the Streets Capital Budget, the village can continue to accomplish major road and drainage improvements in many areas. Planning and engineering of future road projects and preparing for an opportunity for additional grant funding will help maintain the growing road infrastructure needs for the next several years and keep the village on track with the Capital Improvement Plan.

Attachments

**Motor Fuel Tax Fund**

**Revenues**

			FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 20/21	FY 21/22
			Actual	Actual	Actual	Q2	Budget	Budget
03000300	33015	MFT Allotments	\$ 767,164.92	\$ 762,705.97	\$ 1,108,747.13	\$ 521,048.53	\$ 761,000.00	\$ 615,000.00
03000300	33018	MFT Transportation Renewal	-	-	-	-	-	450,000.00
03000300	33016	MFT Capital Program	-	-	352,928.24	687,533.88	-	-
03000300	33017	High Growth Allotment	37,287.00	36,827.00	9,162.00	-	36,000.00	36,000.00
03000300	33052	Donations - Capital	-	-	-	-	-	-
03000500	36020	Interest - Investment Pools	28,112.36	56,019.05	38,478.79	3,515.99	40,000.00	4,000.00
<b>Motor Fuel Tax Fund Total</b>			<b>\$ 832,564.28</b>	<b>\$ 855,552.02</b>	<b>\$ 1,509,316.16</b>	<b>\$ 1,212,098.40</b>	<b>\$ 837,000.00</b>	<b>\$ 1,105,000.00</b>

# Motor Fuel Tax Fund

# Expenditures

			FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 20/21	FY 21/22	FY 21/22	FY 21/22
			Actual	Actual	Actual	Q2	Budget	Dept.	Manager	Budget
03900300	42232	Engineering/Design Services	\$ 1,878.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
03900300	43309	Materials	322,555.62	375,727.88	330,552.43	19,808.01	340,000.00	380,000.00	380,000.00	-
03900300	43370	Infrastructure Maintenance	(170,820.19)	113,501.70	145,633.90	-	250,000.00	350,000.00	350,000.00	-
03900300	44427	Maintenance - Curb/Sidewalk	-	494,778.95	451,065.15	280,608.95	500,000.00	700,000.00	700,000.00	-
03900300	44428	Maintenance - Streets	-	129,707.19	218,803.41	93,337.60	220,000.00	240,000.00	240,000.00	-
03900300	44429	Maintenance - Street Lights	-	48,661.09	66,999.93	16,309.60	120,000.00	220,000.00	220,000.00	-
03900300	44431	Maintenance - Storm Sewer	-	48,304.76	180,800.00	-	200,000.00	200,000.00	200,000.00	-
03900300	45593	Capital Improvements	-	13,148.19	-	-	-	-	-	-
<b>Motor Fuel Tax Fund Total</b>			<b>\$ 153,613.69</b>	<b>\$ 1,223,829.76</b>	<b>\$ 1,393,854.82</b>	<b>\$ 410,064.16</b>	<b>\$ 1,630,000.00</b>	<b>\$ 2,090,000.00</b>	<b>\$ 2,090,000.00</b>	<b>\$ -</b>

# Street Improvement Fund

# Revenues

			FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 20/21	FY 21/22
			Actual	Actual	Actual	Q2	Budget	Budget
04000500	31011	Home Rule Sales Tax	\$ 4,187,426.26	\$ 4,147,954.22	\$ 3,833,333.16	\$ 1,584,753.30	\$ 4,050,000.00	\$ 3,900,000.00
04000500	31190	Telecommunications Tax	286,035.63	268,779.44	228,372.59	103,061.32	205,000.00	185,000.00
04000500	31495	Utility Tax Receipts	919,159.83	963,975.34	898,906.00	448,583.65	920,000.00	905,000.00
04000500	33012	Intergovernmental Agreement	-	-	-	-	-	-
04000300	33032	Donations - Operating - PW	2,673.13	-	5,226.94	-	-	-
04000300	33052	Donations - Capital - PW	-	-	174,922.00	-	-	-
04000300	33252	Grants - Capital - PW	49,796.10	22,068.00	50,000.00	-	150,000.00	-
04000500	36001	Interest	572.98	592.63	510.46	159.19	400.00	200.00
04000500	36020	Interest -Investment Pools	85,114.32	139,787.89	77,680.05	5,749.55	74,600.00	9,800.00
04000500	38001	Transfer - General Fund	-	600,000.00	3,470,000.00	-	3,000,000.00	5,500,000.00
04000500	38016	Transfer - Special Reveune Fund	-	-	-	-	-	-
04000500	38060	Transfer - Special Service Area	-	201,954.86	-	-	-	-
<b>Street Improvement Fund Total</b>			<b>\$ 5,530,778.25</b>	<b>\$ 6,345,112.38</b>	<b>\$ 8,738,951.20</b>	<b>\$ 2,142,307.01</b>	<b>\$ 8,400,000.00</b>	<b>\$ 10,500,000.00</b>

On March 7, 2006, the Village Board approved two ordinances. The first eliminated the utility tax on natural gas and delivery charges for Village residents and businesses. The 4% utility tax related to natural gas no longer applied as of July 1, 2006. A use tax fee of \$0.0103 was implemented as a charge per therm. The second ordinance established a home rule retailers' occupation tax and service occupation tax of three-quarters percent (0.75%). This tax applies to retail and service sales and was effective on July 1, 2006. It does not apply to sales of food for human consumption off the premises where it is sold (i.e., groceries), prescription and non-prescription medicines, or other medical supplies. In addition, it does not apply to sales of tangible personal property that is titled or registered with an agency of this state's government (e.g., cars, trucks, motorcycles, etc.). No change in home rule sales tax allocations is proposed for FY 21/22 with 100% allocations designated to the Street Improvement Fund.

Utility tax receipts are based on use tax charges on energy usage for natural gas (Nicor) and electricity (ComEd). ComEd is based on kilowatt (KW) hours, and Nicor is based on therms.

# Street Improvement Fund

# Expenditures

			FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 20/21	FY 21/22	FY 21/22	FY 21/22
			Actual	Actual	Actual	Q2	Budget	Dept.	Manager	Budget
04900300	42230	Legal Services	\$ 22,494.53	\$ 6,428.50	\$ 14,621.25	\$ 2,275.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -
04900300	42232	Engineering/Design Services	647,981.93	586,137.79	876,078.56	344,979.41	1,268,000.00	3,075,000.00	2,435,000.00	-
04900300	43370	Infrastructure Maintenance	1,693,520.65	1,470,844.21	549,321.67	123,376.46	645,000.00	6,975,000.00	6,770,000.00	-
04900300	45593	Capital Improvements	391,642.15	173,761.47	4,355,058.71	2,727,598.89	7,820,000.00	7,400,000.00	7,400,000.00	-
04900300	45595	Land Acquisition	622,283.47	8,162.50	320.00	205,926.10	-	-	-	-
04900300	TBD	Transfer to Nat. Area/Drainage Fund	-	-	-	-	-	-	345,000.00	-
<b>Street Improvement Fund Total</b>			<b>\$ 3,377,922.73</b>	<b>\$ 2,245,334.47</b>	<b>\$ 5,795,400.19</b>	<b>\$ 3,404,155.86</b>	<b>\$ 9,743,000.00</b>	<b>\$ 17,460,000.00</b>	<b>\$ 16,960,000.00</b>	<b>\$ -</b>



**VILLAGE OF ALGONQUIN**  
*GENERAL SERVICES ADMINISTRATION*

**- M E M O R A N D U M -**

DATE: January 18, 2021  
TO: Committee of the Whole  
FROM: Tim Schloneger, Village Manager  
SUBJECT: Proposed Capital Budget – 2021/2022 – Park Improvement Fund

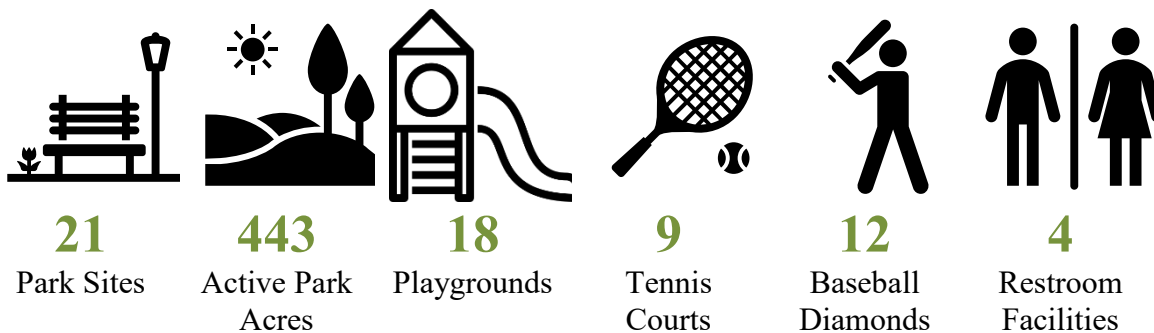
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**OVERVIEW**

The Park Improvement Fund is utilized for the acquisition, development, and improvement to parklands. Through it, the village provides a comprehensive park system that provides recreational opportunities for all residents while protecting assets, natural resources and open space for the benefit of present and future generations.

During the high growth years, park impact fees, paid by developers, financed many new park development and other enhancements. With the evolving market for new construction, the revenue generated from park impact fees has become less predictable and more intermittent. Furthermore, the recreational improvements built during the growth years are substantial and require systematic maintenance. Therefore, the village has dedicated two recurring revenue streams to protect and preserve the standards of excellence expected by the community. First, video gaming revenue received via the state (5% of net terminal income) is deposited into the Park Improvement Fund. Second, a portion (2.25% tax rate) of the revenue from the village’s telecommunications tax is also being dedicated to the fund.

**Village of Algonquin Park System**



New this year, the Village created the Natural Areas and Drainage Improvement Fund to better account, manage, and plan for these types of important infrastructure. Transfers from the Park Improvement Fund will help finance projects that have historically been budgeted in this fund.



## **PARK IMPROVEMENT FUND REVENUES - \$276,000**

Revenues include \$1,000 in interest income, \$110,000 in video gaming terminal tax receipts, \$155,000 from the dedicated portion of the telecommunications tax, and \$10,000 in reforestation and watershed donations.

## **PARK IMPROVEMENT FUND EXPENDITURES - \$1,010,000** (includes an \$135,000 interfund transfer to the Natural Area and Drainage Improvement Fund)

### ACCOUNT 42232 – ENGINEERING AND DESIGN - \$170,000

- Gaslight Tennis Court Rehab - \$25,000 is provided construction management services for reconstruction of the Gaslight Park tennis courts. Due to the age and condition of these facilities, they need to be completely removed and replaced.
- Stoneybrook Park Improvements - \$15,000 is provided to final out the construction of this park which began last FY.
- Towne Park Concept Plan - \$70,000 is provided to research and provide a conceptual plan for the redevelopment of Towne Park. This is one of very impactful pieces of the redevelopment program for downtown. The concept plan will devise what elements will be included in a redevelopment, and what the costs will be for full design and construction. These costs may then be included in future budget proposals.
- Woods Creek Reach 5 Restoration - \$60,000 is provided for to complete the engineering design for the next reach of Woods Creek, between just north of Woods Creek to a point just east of Rock River Court. This restoration project will be similar to those completed upstream and will include bank stabilization, opportunistic tree removal, re-establishing the native vegetation, and inclusion of cross vanes and rock riffles to improve habitat.

### ACCOUNT 43370 – INFRASTRUCTURE MAINTENANCE - \$100,000

- Hill Climb Park Upgrades - \$100,000 is provided for the replacement of the play vehicle features at this park. The existing units will be replaced in-kind, and new safety surfacing will be installed.

### ACCOUNT 44402 – REFORESTATION - \$55,000

- Funding is provided for reforestation of parkway planting areas within the Village that have not previously possessed a tree. This funding is provided by the reforestation fee assessed to developers for mitigation of tree loss during development as prescribed in Chapter 5, Section 15 of Village Code.

### ACCOUNT 44408 – WETLAND MITIGATION - \$0

- No projects are planned this fiscal year.

### ACCOUNT 44425 – MAINTENANCE – OPEN SPACE - \$0

ACCOUNT 45593 – PARK DEVELOPMENT - \$550,000

- Gaslight Tennis Court Rehab - \$250,000 is provided for the substantial reconstruction of the Gaslight Park tennis courts. Due to the age and condition of these facilities, they need to be completely removed and replaced.
- Stoneybrook Park Improvements - \$300,000 in rollover costs are reflected here for the completion of this project, which began last fiscal year.

Attachment

# Park Improvement Fund

# Revenues

			FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Actual	FY 20/21 Q2	FY 20/21 Budget	FY 21/22 Budget
06000500	31175	Video Gaming Terminal Tax	\$ 110,846.12	\$ 116,645.39	\$ 114,787.26	\$ 24,978.35	\$ 115,000.00	\$ 110,000.00
06000500	31190	Telecommunications Tax	241,541.19	226,969.30	192,847.99	87,029.55	170,000.00	155,000.00
06000300	33052	Donation - Capital - PW	27,390.00	334,608.00	183,963.00	70,028.00	-	-
06000300	33150	Donation - Ecosystem Maint.	-	-	-	-	-	-
06000300	33152	Donation - Reforestation	33,025.00	21,350.00	2,700.00	-	50,000.00	5,000.00
06000300	33153	Donation - Watershed	5,159.36	66,723.50	8,935.00	1,650.00	5,000.00	5,000.00
06000300	33155	Donation - Wetland Mitigation	100.00	-	2,600.00	-	-	-
06000300	33232	Grants - Operating - PW	10,000.00	-	10,000.00	-	-	-
06000300	33252	Grants - Capital - PW	-	-	28,170.00	50,000.00	400,000.00	-
06000500	36001	Interest	149.70	265.42	266.37	68.60	100.00	100.00
06000500	36020	Interest - Investment Pools	5,957.50	19,964.52	13,249.79	712.78	10,900.00	900.00
06000500	38001	Transfer - General Fund	-	400,000.00	142,500.00	-	-	-
<b>Park Improvement Fund Total</b>			<b>\$ 434,168.87</b>	<b>\$ 1,186,526.13</b>	<b>\$ 700,019.41</b>	<b>\$ 234,467.28</b>	<b>\$ 751,000.00</b>	<b>\$ 276,000.00</b>





**VILLAGE OF ALGONQUIN**  
*GENERAL SERVICES ADMINISTRATION*

**- M E M O R A N D U M -**

DATE: January 18, 2021

TO: Committee of the Whole

FROM: Tim Schloneger, Village Manager

SUBJECT: Proposed Capital Budget – 2021/2022 – Natural Area & Drainage Improvement Fund

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**OVERVIEW**

The Natural Area and Drainage Improvement Fund is utilized to improve water quality through refined stormwater management, flood reduction, enriched natural area management, groundwater recharge protection, utilization of green infrastructure, and control of invasive species. The goal is to enhance ecosystem benefits within the Village's watersheds and ultimately the Fox River.

Historically, these projects have been financed in both the Street Improvement Fund and the Park Improvement Fund. As these projects have evolved from supplemental infrastructure in our park system and along our roadways to its own distinctive infrastructure type, setting up a framework to put these projects under one budgetary umbrella is long overdue.

**NATURAL AREA & DRAINAGE FUND REVENUES - \$480,000**

Revenues include a \$345,000 interfund transfer from the Street Improvement Fund and a \$135,000 interfund transfer from the Park Improvement Fund.

**NATURAL AREA & DRAINAGE FUND EXPENDITURES - \$480,000**

**ACCOUNT 42232 – ENGINEERING AND DESIGN - \$210,000**

- Crystal Creek Improvements - \$5,000 is provided to fix and complete improvements to the creek that IDOT was supposed to do as part of the Western Bypass. The Village received money from IDOT to have these completed. This project has been completed but money is being budgeted for oversight of the 3-year maintenance period.
- Dixie Creek Reach 3 Restoration - \$100,000 is provided for the restoration of the creek and riparian corridor from Wynnfield Drive to the Dixie Briggs Fromm property which was restored by Dundee township. This is the next portion that is downstream from the recently restored Creek Crossing corridor and represents a green infrastructure link between the two restored properties. This project will

correct major erosion of the creek banks behind the homes on Notting Hill Road as well as the restoration of a high-quality fen and detention on White Chapel Drive that is listed as a critical restoration area in the Woods Creek Watershed Plan.

- Windy Knoll & Oakview Drive Ravines - \$105,000 is provided for the extension of three existing storm sewers to Ratt Creek. The current configuration discharges a storm water into ditches on private property that has been scouring and eroding their backyards for a number of years. The storm sewer would eliminate the backyard erosion.

#### ACCOUNT 43370 – INFRASTRUCTURE MAINTENANCE - \$270,000

- Creek Crossing - \$20,000 is provided for the restoration of this natural area that was completed last FY. This now has a 3-year maintenance period on the establishment of the native plantings.
- Holder/Woods Creek Trail Detention Naturalization- Last FY the Village received a grant from the Illinois Clean Energy Foundation to naturalized these two detention basins to pollinator habitat. \$25,000 is provided for year 1 of the 3 years maintenance period in order to establish the native plantings.
- Natural Area Maintenance - \$50,000 - Each year the Village performs an inspection of our restored natural areas with the Village ecologist. From this inspection, a series of maintenance steps are created, which need to occur in each area on an on-going basis in order to keep the areas in their pristine conditions and to alleviate them from turning to weedy and un-maintained spaces. Keeping these areas maintained is important to keeping the proper habitat allowing wildlife to flourish. This allows our residents a chance to experience this in their own community. Keeping proper vegetation in the natural areas also insures that they function as they were designed. Proper plants and habitat are important for the filtering process. Most of these areas provide improved groundwater infiltration and aid in water quality.
- Spella Pollinator Project - 3 years ago, Village received a grant through the ComEd Green Regions Program to convert the mowed sled hill into a pollinator habitat. \$20,000 is provided for year 3 of the maintenance period in order to get this new native area established.
- Woods Creek Reach 4 - \$20,000 is provided for construction to improve this next section of the Woods Creek corridor. This section runs front the Spella Park bridge to Woods Creek Lane and is directly downstream from the restoration project completed last FY through the IEPA 319 grant. The project was started last year and money has been provided to complete the restoration.
- Crystal Creek Improvements - \$20,000 is provided for the first year of the three-year maintenance period to establish the native vegetation that was installed as part of this project.
- Grand Reserve Drainage - \$20,000 is provided here to for the three-year maintenance period to establish the native plantings.

- Souwanas Creek Reach 2 - This stream and Oak savannah restoration was completed last FY. \$25,000 is provided for year 2 of the 3-year maintenance period.
- Storm Sewer Lining - \$25,000 is provided to contract storm sewer lining and storm manhole lining to rehabilitate some areas in the drainage system that present problems or failures. These usually come up throughout the year when a sink hole forms on a property or in the road. This money will allow us to do a more permanent fix and extend the life of the pipe or structure before a major excavation project needs to be done.
- Terrace Hill Natural Area Maintenance - \$25,000 is provided for year 1 of the 3-year maintenance period for the portions of the Terrace Hill project that we naturalized. This includes the detention basin in Wood Park and Woods Creek reconstruction.
- Woods Creek Reach 2 - \$20,000 is provided for follow up maintenance of the restoration of the headwaters of Woods Creek. This area is also listed as critical for restoration in the Woods Creek Watershed Plan. We received funding from the IEPA through the Section 319 Water Quality grant to construct this project and a 10-year maintenance period is required as part of the grant.

Attachment

# Natural Area Drainage Improvement Fund

# Revenues

			FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Actual	FY 20/21 Budget	FY 21/22 Budget
	33150	Donation - Ecosystem Maint.	\$ -	\$ -	\$ -	\$ -	\$ -
	33153	Donation - Watershed	-	-	-	-	-
	33155	Donation - Wetland Mitigation	-	-	-	-	-
	36001	Interest	-	-	-	-	-
	36020	Interest - Investment Pools	-	-	-	-	-
	TBD	Transfer - Street Imp. Fund	-	-	-	-	345,000.00
	TBD	Transfer - Park Imp. Fund	-	-	-	-	135,000.00
<b>Natural Area and Drainage Improvement Fund Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 480,000.00</b>



**Natural Area and Drainage Improvement Fund**

**Expenditures**

			FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Actual	FY 20/21 Budget	FY 21/22 Dept.	FY 21/22 Manager	FY 21/22 Budget
06900300	42232	Engineering Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000.00	\$ -
06900300	43370	Infrastructure Maintenance	-	-	-	-	-	270,000.00	-
06900300	44408	Wetland Mitigation <sup>1</sup>	-	-	-	-	-	-	-
06900300	44425	Maintenance-Open Space <sup>1</sup>	-	-	-	-	-	-	-
06900300	45593	Capital Improvements	-	-	-	-	-	-	-
06900300	45595	Land Acquisition	-	-	-	-	-	-	-
<b>Natural Area and Drainage Improvement Fund Total</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 480,000.00</b>	<b>\$ -</b>
<sup>1</sup> - Restricted Funds									



**VILLAGE OF ALGONQUIN**  
*GENERAL SERVICES ADMINISTRATION*

**- M E M O R A N D U M -**

DATE: January 21, 2021

TO: Tim Schloneger, Village Manager

FROM: Michael Kumbera, Assistant Village Manager

SUBJECT: *IEPA Loan Amendment*

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In 2018, the Village Board approved Ordinance 2018-O-24 authorizing the Village to borrow funds from the Illinois Environmental Protection Agency (IEPA) Water Pollution Control Loan Program.

Based on the actual costs for the Downtown Streetscape Stage 2 Utility Improvements, an additional \$202,590.09 will need to be borrowed through the program. Attached is a Loan Amendment from the IEPA that would facilitate this action. The Loan Amendment must be signed and dated no later than February 16, 2021.

As this amount is beyond administrative spending authority, it is recommended the Village Board approve a resolution authorizing the Village Manager to execute the Loan Amendment with the IEPA.

C: Robert Mitchard, Public Works Director  
Susan Skillman, Comptroller



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

DEC 22 2020

CERTIFIED MAIL

Mr. John Schmitt, Village President  
Village of Algonquin  
2200 Harnish Drive  
Algonquin, IL 60102-5995

RE: Village of Algonquin  
L175553

Dear Mr. Schmitt:

We are officially notifying the Village of Algonquin of the amount and due date of the first repayment in accordance with the conditions of your wastewater loan. We are increasing your loan by \$202,590.09 based on final reported costs.

The conditions reflected in the Loan Agreement have been revised as shown in the Loan Amendment enclosed in triplicate. After you have reviewed the Loan Amendment, please have it signed and dated no later than February 16, 2021. One copy is for your records, but the original and one copy should be returned to the Infrastructure Financial Assistance Section, Bureau of Water, P.O. Box 19276, Springfield, Illinois 62794-9276 as soon as it is signed, but no later than February 16, 2021. Receipt of written refusal or failure to return the properly executed Loan Amendment within the specified time will subject both the Loan Amendment and Loan Agreement to cancellation consideration.

Our records indicate that, prior to initiation of the loan repayment period, disbursements processed totaled \$2,479,539.47 and accrued interest totaled \$21,055.42 (see Attachment A).

As stated in the Loan Agreement, the principal amount of the loan shall be the total amount of the loan disbursements, plus interest. Therefore, the Village of Algonquin will be required to repay \$2,500,594.89 over the 19.5 year period. Your first repayment of \$76,598.31 will be due April 16, 2021 (see Attachment B).

A summary of the total financed amount of \$2,500,594.89 has been included in the financial summary of the amendment.

Please note that the Agency will mail an invoice to your community approximately one month prior to each payment date. Upon receipt of that invoice, payment should be made pursuant to the instructions accompanying the invoice, with payments sent to the authorized trustee for the Agency's Water Revolving Fund and not to the Agency's headquarters. The authorized trustee is the Amalgamated Bank of Chicago.

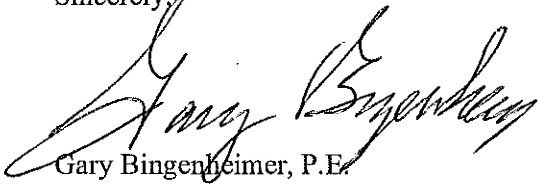
Payments may be made by check or by electronic transfer. To avoid lost checks, delayed mail, and late payments, we strongly suggest that payments be made through electronic transfer (ACH). ACH payments may be made individually or on a recurring basis. To establish recurring ACH payments on your loan repayment dates, please contact Felipe J. Mendoza, Vice President, Amalgamated Bank of Chicago at

312-822-3053 or via email at [fmendoza@aboc.com](mailto:fmendoza@aboc.com).

Please review your dedicated source of revenue on a regular basis to insure it is adequate to meet the repayments.

If you have any questions regarding this project, please contact Julie Sapetti, Infrastructure Financial Assistance Section, at (217)782-2027.

Sincerely,

A handwritten signature in cursive script that reads "Gary Bingenheimer". The signature is written in black ink and is positioned above the printed name.

Gary Bingenheimer, P.E.

Manager

Infrastructure Financial Assistance Section  
Bureau of Water

**Attachment A**

Illinois Environmental Protection Agency  
 Infrastructure Financial Assistance Section  
 Disbursement Schedule  
 For Village of Algonquin L17-5553

<b>Invoice Date</b>	<b>Warrant Issued</b>	<b>Interest Beginning</b>	<b>Interest Ending</b>	<b>Days in Period</b>	<b>Invoice Amount</b>	<b>Construction Interest</b>
11/14/2019	12/02/2019	12/03/2019	08/16/2020	257	121,830.77	1,578.39
11/25/2019	12/04/2019	12/05/2019	08/16/2020	255	528,728.84	6,796.70
12/16/2019	12/30/2019	12/31/2019	08/16/2020	229	288,427.49	3,329.64
01/21/2020	01/29/2020	01/30/2020	08/16/2020	199	260,188.29	2,610.15
03/04/2020	03/10/2020	03/11/2020	08/16/2020	158	366,239.48	2,917.07
03/19/2020	04/03/2020	04/04/2020	08/16/2020	134	122,192.39	825.42
04/15/2020	04/22/2020	04/23/2020	08/16/2020	115	164,078.02	951.20
06/01/2020	06/11/2020	06/12/2020	08/16/2020	65	609,006.73	1,995.54
06/11/2020	06/22/2020	06/23/2020	08/16/2020	54	18,847.46	51.31
<b>TOTAL:</b>					<b>2,479,539.47</b>	<b>21,055.42</b>

Total Disbursed: \$2,479,539.47  
 Construction Period Interest Financed: \$21,055.42  
 Current Amount Borrowed: \$2,500,594.89

For the purpose of this schedule, the interest periods begin on the Interest Beginning date and ends on the Interest Ending date.

The annual interest rate is 1.8400%. The daily interest rate is the annual interest rate divided by 365 days.

NOTE: Interest begins to accrue on the first day of each interest period. No interest is accrued on the last day of the interest period. The Interest Beginning date is the day after the warrant was actually issued.

**Attachment B**  
 Illinois Environmental Protection Agency  
 Infrastructure Financial Assistance Section  
 Repayment Schedule  
 For Village of Algonquin L17-5553

#	Due Date	Repayment	Interest	Principal	Balance
1	04/16/2021	76,598.31	30,631.94	45,966.37	2,454,628.52
2	10/16/2021	76,598.31	22,582.58	54,015.73	2,400,612.79
3	04/16/2022	76,598.31	22,085.64	54,512.67	2,346,100.12
4	10/16/2022	76,598.31	21,584.12	55,014.19	2,291,085.93
5	04/16/2023	76,598.31	21,077.99	55,520.32	2,235,565.61
6	10/16/2023	76,598.31	20,567.20	56,031.11	2,179,534.50
7	04/16/2024	76,598.31	20,051.72	56,546.59	2,122,987.91
8	10/16/2024	76,598.31	19,531.49	57,066.82	2,065,921.09
9	04/16/2025	76,598.31	19,006.47	57,591.84	2,008,329.25
10	10/16/2025	76,598.31	18,476.63	58,121.68	1,950,207.57
11	04/16/2026	76,598.31	17,941.91	58,656.40	1,891,551.17
12	10/16/2026	76,598.31	17,402.27	59,196.04	1,832,355.13
13	04/16/2027	76,598.31	16,857.67	59,740.64	1,772,614.49
14	10/16/2027	76,598.31	16,308.05	60,290.26	1,712,324.23
15	04/16/2028	76,598.31	15,753.38	60,844.93	1,651,479.30
16	10/16/2028	76,598.31	15,193.61	61,404.70	1,590,074.60
17	04/16/2029	76,598.31	14,628.69	61,969.62	1,528,104.98
18	10/16/2029	76,598.31	14,058.57	62,539.74	1,465,565.24
19	04/16/2030	76,598.31	13,483.20	63,115.11	1,402,450.13
20	10/16/2030	76,598.31	12,902.54	63,695.77	1,338,754.36
21	04/16/2031	76,598.31	12,316.54	64,281.77	1,274,472.59
22	10/16/2031	76,598.31	11,725.15	64,873.16	1,209,599.43
23	04/16/2032	76,598.31	11,128.31	65,470.00	1,144,129.43
24	10/16/2032	76,598.31	10,525.99	66,072.32	1,078,057.11
25	04/16/2033	76,598.31	9,918.13	66,680.18	1,011,376.93
26	10/16/2033	76,598.31	9,304.67	67,293.64	944,083.29
27	04/16/2034	76,598.31	8,685.57	67,912.74	876,170.55
28	10/16/2034	76,598.31	8,060.77	68,537.54	807,633.01
29	04/16/2035	76,598.31	7,430.22	69,168.09	738,464.92
30	10/16/2035	76,598.31	6,793.88	69,804.43	668,660.49
31	04/16/2036	76,598.31	6,151.68	70,446.63	598,213.86
32	10/16/2036	76,598.31	5,503.57	71,094.74	527,119.12
33	04/16/2037	76,598.31	4,849.50	71,748.81	455,370.31
34	10/16/2037	76,598.31	4,189.41	72,408.90	382,961.41
35	04/16/2038	76,598.31	3,523.24	73,075.07	309,886.34
36	10/16/2038	76,598.31	2,850.95	73,747.36	236,138.98
37	04/16/2039	76,598.31	2,172.48	74,425.83	161,713.15
38	10/16/2039	76,598.31	1,487.76	75,110.55	86,602.60
39	04/16/2040	87,399.34	796.74	86,602.60	0.00
<b>TOTAL:</b>		<b>2,998,135.12</b>	<b>497,540.23</b>	<b>2,500,594.89</b>	

For the purpose of this schedule, the interest period begins on 08/16/2020.

The annual interest rate is 1.8400% which makes the periodic interest rate 0.920000%.

NOTE: Interest begins to accrue on the first day of each interest period. No interest is accrued on the last day of the interest period.

**LENDER:**

Illinois Environmental Protection Agency  
Bureau of Water  
Infrastructure Financial Assistance Section  
P.O. Box 19276  
1021 North Grand Avenue, East  
Springfield, IL 62794-9276

**RECIPIENT:**

Village of Algonquin  
2200 Harnish Drive  
Algonquin, IL 601025995

FEIN: 366005766

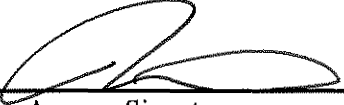
**TERMS OF THE LOAN**

		<u>ESTIMATED DATES</u>	
Previous Loan Amount:	\$2,569,505.94	Construction start:	09/03/2019
This Action:	\$202,590.09	Construction complete:	09/30/2020
Loan amount:	\$2,772,096.03	Initiation of operation:	08/16/2020
Annual fixed loan rate:	1.8400%	Initiation of repayment period:	08/16/2020
Term:	19.5 years	First repayment due:	04/16/2021
Repayments:	Semi-Annual	Final repayment due:	04/16/2040

**LOAN OFFER AND ACCEPTANCE**

***Offer by the State of Illinois Environmental Protection Agency***

Except as provided herein, and in the accompanying Letter of Transmittal, all terms and conditions of the original Loan Agreement, including prior amendments, remain unchanged and in full force and effect.

	Director	John J. Kim	12/18/2020
Agency Signature	Title	Name	Date

**This offer must be accepted on or before 02/16/2021.**

***Acceptance on behalf of the Borrower***

Authorized Representative (Signature)	Date
---------------------------------------	------

Name and Title of Authorized Representative (Type or Print)



**PROJECT DESCRIPTION**

Relocate and replace 16-inch and 18-inch diameter sanitary sewers with the following: 1,752 linear feet of 30-inch diameter sanitary sewer, 1,016 linear feet of 24-inch diameter sanitary sewer, 341 linear feet of 12-inch diameter sanitary sewer, 7 linear feet of 10-inch diameter sanitary sewer, 35 linear feet of 8-inch diameter sanitary sewer and 18 manholes. This project will also include the removal of the North Harrison Street Lift Station; modifications to the Riverfront Lift Station; and all related appurtenances to make project complete and operational. This work is covered by IEPA Permit Numbers 2019-HB-63924,0526-FY2019

**PROJECT BUDGET**

	TOTAL	ELIGIBLE
Construction - Martam Construction Inc.	\$2,772,206.35	\$2,772,096.03
Original Contingency	\$74,839.98	\$74,839.98
<b>TOTAL</b>	<b>\$2,847,046.33</b>	<b>\$2,846,936.01</b>

The loan amount is \$2,772,096.03.

**FINANCIAL SUMMARY**

<i>Total Disbursements</i>	<i>\$2,479,539.47</i>
<i>Construction Period Interest Financed</i>	<i>\$21,055.42</i>
<i>Total Amount Financed</i>	<i>\$2,500,594.89</i>

**STANDARD CONDITIONS**

Please see Attachment A.

## ***Attachment A***

Loan Recipient: Village of Algonquin  
L175553

### ***Loan Agreement - Standard Conditions*** Illinois EPA Water Pollution Control Loan Program

#### 1. PROJECT SCHEDULE

For the purposes of this agreement, the start date will be the date the agreement is executed by the loan recipient and the complete date will be the date of final repayment. Any obligation of the State of Illinois and the Agency to make any disbursement of loan funds shall terminate unless this project work is initiated and completed in accordance with the schedule contained in the Loan Agreement.

#### 2. AVAILABILITY OF APPROPRIATIONS; SUFFICIENCY OF FUNDS

This Loan Agreement is contingent upon and subject to the availability of sufficient funds. The Agency may terminate or suspend this Loan Agreement, in whole or in part, without penalty or further disbursements being required, if (i) sufficient State funds have not been appropriated to the Agency or sufficient Federal funds have not been made available to the Agency by the Federal funding source, (ii) the Governor or the Agency reserves appropriated funds, or (iii) the Governor or the Agency determines that appropriated funds or Federal funds may not be available for payment. The Agency shall provide notice, in writing, to the loan recipient of any such funding failure and its election to terminate or suspend this Loan Agreement as soon as practicable. Any suspension or termination pursuant to this Section will be effective upon the loan recipient's receipt of notice. Should the Agency terminate or suspend this Loan Agreement as described above, the loan recipient shall still be required to repay to the Agency in accordance with this Loan Agreement the total amount of loan disbursements made by the Agency.

#### 3. DISBURSEMENTS

Disbursement requests for project work will be processed based on costs incurred, subject to the appropriation of funds by the Illinois General Assembly. Such disbursement requests shall be submitted quarterly and will be monitored for compliance with applicable state and federal laws and regulations, including Section 705/4(b)(2) of the Illinois Grant Funds Recovery Act (30 ILCS 705), and shall constitute quarterly reports as required therein by describing the progress of the project and the expenditure of the loan funds related thereto. Any loan funds remaining unexpended in the project account after all application loan conditions have been satisfied and a final loan amendment has been executed shall be returned to the State within forty-five (45) days of the execution date on the final loan amendment. If the loan recipient reimburses their contractor(s) prior to requesting funds from Illinois EPA, the Loan Recipient shall request as quickly as possible, but in no event later than dictated by Section 5 of the submitted Tax Compliance Certificate and Agreement, reimbursement from the Agency.

#### 4. REPAYMENT SCHEDULE – Nature of Obligations, Fixed Loan Rate, Interest, Loan Support and Principal Payments.

a) In accordance with Ill. Adm. Code 365.210, the fixed rate is comprised of interest and loan support, both of which are established annually. The term "interest" is used in this Loan Agreement as well as future correspondence, repayment schedules, etc. to reflect both interest and loan support.

b) This Loan Agreement has been issued and entered into pursuant to an authorizing ordinance of the loan recipient. The recipient recites that it has taken all required actions to enter into the Loan Agreement and has complied with all provisions of law in that regard.

c) By this Loan Agreement, the loan recipient agrees to repay to the Agency (or, upon notice by the Agency to the loan recipient, the Agency's assignee) the principal amount of the loan with interest on the outstanding and unpaid principal amount of the loan from time to time until repaid in full, all as provided in this Loan Agreement.

d) For purposes of determining the repayment amount, the principal amount of the loan shall be the total amount of loan disbursements made by the Agency under this Loan Agreement, plus interest treated as principal as provided in paragraph (g) below. The amount financed shall not exceed the amount identified in the approved authorizing ordinance.

e) The final principal amount will be determined by the Agency after a final disbursement request and project review have been made to ensure all applicable loan conditions have been satisfied.

f) Simple interest on each loan disbursement will begin on the day after the date of the issuance of a warrant by the Comptroller of the State of Illinois.

g) Interest and principal on the loan will be due on the dates and in the amounts as set forth in repayment schedules provided for in this paragraph. Upon the initiation of the loan repayment period, the Agency shall establish and notify the loan recipient of an interim repayment schedule in accordance with the terms of this loan. After the Agency conducts the final review of the costs of the project to establish the final principal amount, the Agency shall establish and notify the loan recipient of a final repayment schedule. For purposes of calculating the repayment schedules, the Agency shall consider principal of the loan to consist of all unrepaid disbursements plus all unrepaid interest accrued on these disbursements at the time the schedule period begins. Each of these repayment schedules shall provide for repayment installments consisting of principal plus simple interest on the unpaid principal balance. The installment repayment amount may change when the interim repayment schedule is replaced by the final repayment schedule.

h) Interest on each loan disbursement shall be calculated on the basis of the total number of days from the date the interest begins to accrue to the beginning of the repayment period and will be calculated on a daily basis using a 365 day year. All interest due on the principal of the loan during the repayment period is calculated on a periodic basis.

i) The Loan Agreement shall be subject to prepayment at any time in whole or in part, at the option of the loan recipient, by payment of the outstanding principal plus accrued and unrepaid interest on that principal accrued to the date of prepayment.

## 5. MODIFIED OR SUBSEQUENT ORDINANCES

The ordinance authorizing entry into this Loan Agreement or dedicating the source of revenue shall not be amended or superseded substantively or materially without the prior written consent of the Agency.

## 6. DBE REPORTING REQUIREMENTS

The loan recipient is required to comply with the Disadvantaged Business Enterprise (DBE) reporting requirements as established and mandated by federal law and implemented in federal code: 40 CFR Part 33. Compliance with the code will necessarily involve satisfaction of the six (6) good faith efforts as set forth in the federal DBE program, and will require the use of the particular contract specifications and language for advertising of the project. More information and guidance on the DBE requirements is available on the IEPA web site.

## 7. COMPLIANCE WITH ACT AND REGULATIONS

The Agency shall not make any payments under this loan offer if the construction project has been completed and is being operated in violation of any of the provisions of the Clean Water Act, Environmental Protection Act (415 ILCS 5/1 et seq.) or Water Pollution Control Regulations of Illinois (Title 35: Subtitle C: Chapter I: Pollution Control Board Regulations and Chapter II: Agency Regulations) adopted thereunder.

## 8. CONSTRUCTION COMPLETION- FINAL INSPECTION

The loan recipient shall notify the Agency's Infrastructure Financial Assistance Section's (IFAS) Post Construction Unit in writing within 30 days from the construction completion date and shall submit the final change order, along with the contractor's final costs. Within 90 days from the construction completion date the loan recipient shall forward one (1) copy of the final plans of record to the appropriate Agency regional field office and one (1) copy to the Agency's IFAS Post Construction Unit. In addition, a completed "Certificate Regarding O & M" (available on the Agency website) shall be sent to the Agency's IFAS Post Construction Unit. The regional field office may contact the loan recipient to schedule a final inspection following submittal of the final plans of record.

## 9. OPERATION AND MAINTENANCE OF THE PROJECT

The Agency shall not approve the final loan closing for the project unless the loan recipient has certified that the training and operation and maintenance documents have been provided in accordance with 35 Ill. Adm. Code 365.460.

## 10. FLOOD INSURANCE

Evidence must be provided that flood insurance has been acquired on eligible structures constructed under this Loan Agreement as soon as structures are insurable.

## 11. DELINQUENT LOAN REPAYMENTS

a) In the event that a repayment is not made by a loan recipient according to the loan schedule of repayment, the loan recipient shall notify the Agency in writing within 15 days after the repayment due date in accordance with 35 Ill. Adm. Code 365.510 Delinquent Loan Repayments.

b) After the receipt of this notification, the Agency shall confirm in writing the acceptability of the loan recipient's response or take appropriate action.

c) In the event that the loan recipient fails to comply with the above requirements, the Agency shall promptly issue a notice of delinquency which requires a written response within 15 days.

d) Failure to take appropriate action shall cause the Agency to pursue the collection of the amounts past due, the outstanding loan balance and the costs thereby incurred, either pursuant to the Illinois State Collection Act of 1986 (30 ILCS 210) or by any other reasonable means as may be provided by law.

## 12. SINGLE AUDIT ACT

Federal funds from Capitalization Grants for the Clean Water State Revolving Fund (i.e. see Catalogue of Federal and Domestic Assistance number 66.458), which the Agency receives from the U.S. Environmental Protection Agency, may be used for this loan. Receipt of federal funds may require an annual audit which conforms to the Single Audit Act and O.M.B. Circular A-133. If a Single Audit is required, all loans from both the Clean Water and Drinking Water State Revolving Fund receiving federal funds must be audited and included in the audit report. The Agency will notify the recipient of any federal funds disbursed during the recipient's fiscal year.

## 13. SUBCONTRACTS UNDER CONSTRUCTION CONTRACTS

The award or execution of all subcontracts by a prime contractor and the procurement and negotiation procedures used by such prime contractor in awarding or executing such subcontracts shall comply with:

- a) All provisions of federal, State and local law.
- b) All provisions of 35 Ill. Adm. Code 365 with respect to fraud and other unlawful or corrupt practices.
- c) All provisions of 35 Ill. Adm. Code 365 with respect to access to facilities, records and audit of records.

## 14. REQUIREMENTS OF BOND ORDINANCE

If the dedicated source of revenue is pledged in a subordinate position to an existing revenue bond ordinance, the covenants regarding coverage and reserve shall be in accordance with 35 Ill. Adm. Code 365.350(a)(10)(C).

## 15. RECORDS RETENTION

The loan recipient agrees to establish and maintain the books and other financial records pertaining to this project in accordance with Generally Accepted Accounting Principles as issued by the Governmental Accounting Standards Board (GASB), including standards relating to the reporting of infrastructure assets per GASB Statement No. 34. The loan recipient shall maintain all books and records pertaining to this project for a period not less than 3 years from the date of the final loan closing. All records pertaining to the issuance of bonds and the repayment of this loan shall be maintained for a period not less than 3 years from the final repayment date. The loan recipient agrees to permit the Agency or its designated representatives, including the Illinois Auditor General and the Illinois Attorney General, to inspect and audit the books and financial records pertaining to the project and the expenditure of the loan funds related thereto.

## 16. CONTINUING DISCLOSURE

The recipient covenants and agrees that, if at any time the Agency shall notify the recipient that the recipient is deemed to be an "obligated person" for purposes of Rule 15c2-12 adopted by the Securities and Exchange Commission under the Securities Exchange Act of 1934 (the "Rule"), the recipient shall promptly execute an undertaking in form acceptable to the Agency in compliance with the Rule in which the recipient shall agree, among other things, to provide annual financial information (as defined in the Rule) with respect to the recipient to all required information repositories for so long as the recipient shall be deemed an obligated person. The recipient shall be deemed to be an obligated person at any time the aggregate principal amount of one or more of the recipient's outstanding loans with the Agency, which are pledged to secure bonds issued on behalf of the Agency, exceeds a percentage (currently 20%) of the aggregate principal amount of all loans of the Agency pledged to secure such bonds.

## 17. WAGE RATE REQUIREMENTS

The loan recipient is required to comply with Wage Rate requirements established in rules issued by the U.S. Department of Labor to implement the Davis-Bacon Wage Act and other related acts (29 CFR Parts 1, 3 and 5). These rules require a number of specific actions by the federal funding recipient (the IEPA), the sub-recipient (the loan recipient) and the contractor, including payroll record certification and reporting as required. More information and guidance on the Davis-Bacon Wage Act requirements are available on the IEPA web site.

## 18. USE OF AMERICAN IRON AND STEEL

The loan recipient will be required to comply with the "Use of American Iron and Steel" requirements as contained in Section 436 (a) – (f) of H.R. 3547, the "Consolidated Appropriations Act, 2014". This requirement is only applicable if federal American Iron and Steel requirements were a condition of the original loan agreement.

## 19. REPORTING REQUIREMENTS

The loan recipient will be required to comply with the volume and frequency of reporting requirements that may be required by the federal or State funding authority.

## 20. ADDITIONAL COMPLIANCE ITEMS

The loan recipient, prime contractor(s) and subcontractor(s) shall comply with applicable federal funding certifications, non-discrimination statutes, regulations and environmental standards, including but not limited to the following:

- a) The Americans with Disabilities Act of 1990, as amended, and 42 USC 12101
- b) New Restrictions on Lobbying at 40 CFR, Part 34
- c) Immigration and Naturalization Service Employment Eligibility Rules, (I-9 Forms)
- d) False Claims Act – Prompt referral to USEPA's Inspector General of any credible evidence of a false claim or criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving funds under this loan (Loan Recipient Only)
- e) The Coastal Zone Management Act of 1972, 16 U.S.C. 1451 (Loan Recipient Only)
- f) Section 504 of the Rehabilitation Act of 1973 - Prohibits exclusion and employment discrimination based on a disability.
- g) Title VI of the Civil Rights Acts of 1964 - Prohibits discrimination or exclusion based on race, color, or national origin.

## 21. CERTIFICATION

By accepting this loan offer, the loan recipient certifies under oath that all information in the loan agreement and the related loan application is true and correct to the best of the loan recipient's knowledge, information and belief, and that the loan funds shall be used only for the purposes described in the loan agreement. This offer of loan funds is conditioned upon such certification.

22. FISCAL SUSTAINABILITY PLAN REQUIREMENTS

The loan recipient shall comply with the Fiscal Sustainability Plan (FSP) requirement contained in Section 603(d)(1)(E) of the Federal Water Pollution Control Act by submitting a certification that they have developed and implemented a FSP. This provision applies to all loans for which the borrower submitted a loan application on or after October 1, 2014. The Agency will send the loan recipient a FSP Development Certification form prior to final loan closing which shall be submitted and returned as directed. This requirement is only applicable if fiscal sustainability plan requirements were a condition of the original loan agreement. This condition only applies to loans issued from the Water Pollution Control Loan Program. This condition does not apply to Public Water Supply loans.

23. SIGNAGE REQUIREMENT

The loan recipient shall meet a signage requirement by posting a sign at the project site or making an equivalent public notification such as a newspaper or newsletter publication; utility bill insert; or online posting for the project duration. After the signage requirement is met, documentation must be submitted to the IEPA using the Public Notification/Signage Requirement Certificate of Completion. Guidance is available on the IEPA website.