Capital Plan Overview

The Village identifies its capital needs in its Five-Year Capital Improvement Plan (CIP). The CIP identifies major capital projects and corresponding funding sources for projects that are $10,000 or more.

The items included in the FY 2018-19 CIP are contemplated for inclusion in the FY 2018-19 Budget, subject to budget limitations. The Village’s Annual Budget begins May 1 of each year.

The accounting for items in the CIP is divided between the Corporate Fund and the Water and Sewer Operations Fund.
The Village’s operating budget includes $1.2 million annually to set aside funds for maintenance of the Village’s public buildings, parking lots, parks, facilities, and replacement of vehicles and equipment.

In the Corporate Fund, the funding for most CIP items flows through the Departmental Capital Reserve, a sub-fund within the Corporate Fund that is used to accumulate funds for the CIP.

On average, the Village transfers $1.2 million annually from the operating budget to the capital reserve account to fund the CIP. In conjunction with the FY 2018-19 budget, the amount of the actual transfer for FY 2018-19 will be determined based on the CIP as approved. It is expected that a transfer of $1.2 million, along with available fund balance in the Capital Reserve, will be sufficient to fund all of the expenditures contemplated in the CIP for next budget year.
Impacts to the Budget and CIP

Staff has kept a close watch on the State of Illinois budget process and its potential impact on municipal revenue sharing. In FY 2017-18, the Village budgeted a contingency amount of $350,000 within the Corporate Fund with the intent to use these funds to absorb any reduction that could occur to State funding.

Last summer, after two years of deliberations, the State finally took some steps to address its budget problems, most notably by increasing the State Income Tax rates. As part of the State budget settlement, the Corporate Fund is expected to absorb a one-time reduction of Local Government Distributive Fund (LGDF) revenues of $160,000 (spread over FY 2018 and FY 2019) and a permanent reduction of $24,000 annually in Personal Property Replacement Tax distributions.
While the State has now raised income tax rates, there remains a real threat that the State may impose a “freeze” on property tax levies for some period of time. In November, the Illinois House approved a two-year tax freeze bill that will soon be considered by the Senate. This could have an impact of $135,000 for the next two years on the Village’s General Fund budget.

The Village will continue to monitor CIP expenses, revenue sources and pension obligations.
The Village’s Five-Year Corporate Fund CIP contemplates approximately $7.7 million from FY 2018-19 to FY 2022-23.

The CIP is organized by department; the five-year breakdown is as follows:

- Public Services $2,700,500
- Parks & Recreation 1,663,500
- Police 1,417,750
- Fire 1,247,800
- Administration & Finance 481,500
- Economic Development 176,000

**TOTAL** $7,687,050
### CIP Summary (cont.)

**Corporate Fund Summary**

<table>
<thead>
<tr>
<th>Fund - Corporate</th>
<th>All Departments</th>
<th>Year 0</th>
<th>Year 0</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
<th>Five-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td><strong>Budget</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Administration &amp; Finance</td>
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<td>444,500</td>
<td>236,025</td>
<td>376,500</td>
<td>105,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>481,500</td>
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<tr>
<td>Economic Development</td>
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<td>150,000</td>
<td>127,900</td>
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<td>50,000</td>
<td>43,000</td>
<td>43,000</td>
<td>-</td>
<td>176,000</td>
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<tr>
<td>Police</td>
<td></td>
<td>214,000</td>
<td>208,296</td>
<td>338,000</td>
<td>372,000</td>
<td>185,700</td>
<td>126,050</td>
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<td>1,417,750</td>
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<td>321,000</td>
<td>321,000</td>
<td>92,800</td>
<td>200,000</td>
<td>15,000</td>
<td>575,000</td>
<td>365,000</td>
<td>1,247,800</td>
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<tr>
<td>Public Services</td>
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<td>492,688</td>
<td>591,500</td>
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<td>535,500</td>
<td>629,500</td>
<td>406,500</td>
<td>2,700,500</td>
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<tr>
<td>Community Development</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Parks &amp; Recreation</td>
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<td>367,405</td>
<td>130,421</td>
<td>398,500</td>
<td>537,500</td>
<td>360,000</td>
<td>337,000</td>
<td>349,000</td>
<td>219,000</td>
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<td><strong>Grand Total</strong></td>
<td></td>
<td>$1,991,905</td>
<td>$1,516,330</td>
<td>$1,837,300</td>
<td>$1,624,500</td>
<td>$1,116,200</td>
<td>$1,722,550</td>
<td>$1,386,500</td>
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<td>Capital Reserve BOY</td>
<td></td>
<td>1,283,086</td>
<td>966,756</td>
<td>368,956</td>
<td>191,456</td>
<td>275,256</td>
<td>(97,294)</td>
<td>1,283,086</td>
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<tr>
<td>Operations-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Parking meter revenue</td>
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<tr>
<td>PEG fees (broadcast equipment)</td>
<td></td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
<td>39,500</td>
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<td>Dist. 86 Tennis Court Reimbursement</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Transfer</td>
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<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Exp</td>
<td></td>
<td>(1,516,330)</td>
<td>(1,837,300)</td>
<td>(1,624,500)</td>
<td>(1,116,200)</td>
<td>(1,722,550)</td>
<td>(1,386,500)</td>
<td>(9,203,380)</td>
<td>(9,203,380)</td>
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<tr>
<td>Capital Reserve EOY</td>
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<td>966,756</td>
<td>368,956</td>
<td>191,456</td>
<td>275,256</td>
<td>(97,294)</td>
<td>(283,794)</td>
<td>(283,794)</td>
<td>(283,794)</td>
</tr>
</tbody>
</table>
The following is a table of vehicles owned by the Village and replacements scheduled for FY 2018-19:

<table>
<thead>
<tr>
<th>Department</th>
<th>Number of Vehicles to be Replaced in FY 2018-19</th>
<th>Cost of Vehicles to be Replaced in FY 2018-19</th>
<th>Total Number of Vehicles in Fleet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corporate Fund</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Services</td>
<td>3</td>
<td>$210,000</td>
<td>22</td>
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<tr>
<td>Parks &amp; Recreation</td>
<td>1</td>
<td>36,000</td>
<td>11</td>
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<tr>
<td>Police</td>
<td>2</td>
<td>53,000</td>
<td>17</td>
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<tr>
<td>Fire</td>
<td>0</td>
<td>N/A</td>
<td>9</td>
</tr>
<tr>
<td>Administrative</td>
<td>0</td>
<td>N/A</td>
<td>7</td>
</tr>
<tr>
<td>Water &amp; Sewer Fund</td>
<td>0</td>
<td>N/A</td>
<td>8</td>
</tr>
<tr>
<td>TOTAL</td>
<td>6</td>
<td>$299,000</td>
<td>74</td>
</tr>
<tr>
<td>CIP TOTAL</td>
<td></td>
<td>$1,837,300</td>
<td></td>
</tr>
</tbody>
</table>

All vehicles are evaluated at time of replacement and reprioritized/deferred as necessary.
The Village recognizes the importance of maintaining, replacing, and purchasing equipment and vehicles to guarantee public safety and the efficient delivery of services. *It is important to note that many Village vehicles also accrue engine/idle hours, which significantly compounds the actual mileage stated.*

Replaced vehicles are repurposed within the Village fleet whenever possible, traded in, or sold at auction. Each department has specific guidelines for vehicle replacement:

<table>
<thead>
<tr>
<th>Department</th>
<th>Policy Guidelines</th>
</tr>
</thead>
</table>
| **Fire**   | - Engines 16 years/72,000 miles  
- Ladder trucks 20 years/74,000 miles  
- Ambulances 10 years/60,000 miles  
- Staff/support vehicles 8 years/80,000 miles |
| **Police** | - Patrol vehicles evaluated every 3.5-4 years  
- Supervisor vehicles evaluated every 2 years (used 24 hours/day)  
- Unmarked non-patrol vehicles 8-12 years |
| **Public Services (incl. Parks & Recreation and Water/Sewer)** | - Small trucks/pick-ups 7-10 years  
- Large trucks/specialty equipment 12-15 years  
- Tractors 10-18 years  
- Pool/staff vehicles 8-12 years (often utilize repurposed vehicles from other departments) |
<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank/Pump Evaluation and Upgrade</td>
<td>59</td>
<td>$ 324,000*</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Street Light Poles/Lamps</td>
<td>64</td>
<td>12,500</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Roadway Truck Unit #6</td>
<td>65</td>
<td>65,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Roadway Truck Unit #27</td>
<td>66</td>
<td>80,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Unit #92 Toolcat</td>
<td>67</td>
<td>65,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>West Hinsdale Parking Lot Resurfacing</td>
<td>77</td>
<td>15,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Brush Hill Train Station Roof Repairs</td>
<td>80</td>
<td>30,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>80</strong></td>
<td><strong>$ 591,500</strong></td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

*Currently exploring potential cost sharing agreements with other government bodies.

<table>
<thead>
<tr>
<th>Annual 5 Year Average</th>
<th>$540,100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual 3 Year Average</td>
<td>$554,833</td>
</tr>
</tbody>
</table>
Public Services
Proposed Capital Items: 2018-19

• Public Services Fuel Tank/Pump Evaluation and Upgrade $324,000

  – The underground fuel storage tanks, piping, and concrete behind the Public Services facility are in poor condition. The fuel monitoring system, which is utilized for tracking fuel usage and billing to departments and outside entities, is also outdated and will require replacement
  – The manufacturer's guarantee on the two underground tanks expires in 2020
  – Replacement is recommended in order to avoid a potential leak that could create a potential contamination issue
  – Additional users of the Village's fuel facility include the Village of Clarendon Hills, School District 181, Gateway Special Recreation Agency, HCS Family Services, and the Hinsdale Humane Society; if the project moves forward, these organizations will be approached to fund a portion of the cost of replacement
Public Services
Proposed Capital Items: 2018-19

- **Replace Street Light Poles/Lamps**  $12,500
  - Annual spot replacement of current decorative street light poles and lamps throughout the Village

- **Roadway Truck Unit #6 (Utility Body Pick-Up Truck with Plow)**  $65,000
  - Replacement of 12-year-old pick-up truck with snow plow, a critical piece of equipment used by Roadway Division
  - During winter months vehicle is used for plowing parking lots, cul-de-sacs and alleys
  - Through preventative maintenance, staff has been able to preserve the life of the vehicle an additional two years already
  - This truck is primarily used to respond to resident requests, perform street sign installation and repairs
• **Roadway Truck Unit #27 (Utility Truck with Versalift)** $80,000

  - Replacement of 13-year-old utility truck used by the Village electrician. The life has been extended by three years through preventative maintenance
  - Versalift bucket attachment feature being added for tasks such as light bulb replacement, servicing Police Department cameras, assisting with parks maintenance, and placement of holiday decorations
  - Savings of at least $10,000 over 10 years are expected due to not having to rent a bucket truck when these maintenance tasks occur

• **Unit #92 (Toolcat 4 X 4 with Plow/Spreader)** $65,000

  - Replacement of six year-old Toolcat used by all Public Services Divisions
  - Used in winter months for snow and ice removal primarily on train platforms and other locations
  - In other seasons, it is used for grinding asphalt, performing Central Business District and the Woodlands rain garden maintenance
Public Services
Proposed Capital Items: 2018-19

• **West Hinsdale Parking Lot Resurfacing**  $15,000

  - The West Hinsdale train station parking lot is located between Stough Street and Jackson Street
  - The asphalt south of the train tracks, which includes approximately 20 of the station's 70 total parking spaces, is deteriorated and needs to be resurfaced

• **Brush Hill Train Station Roof Repairs**  $30,000

  - The Village's main train station, Brush Hill, is a historic building with a clay tile roof
  - The roof has deteriorated to the point where repairs are required
  - Repairs are consistent with the roof study that was completed in FY 2016-17
## Parks & Recreation

### Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace Unit #3-Truck w/Lift Gate</td>
<td>101</td>
<td>$36,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Park Benches</td>
<td>102</td>
<td>30,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Brook Park-Resurface Tennis and Basketball Courts, add Pickle Ball</td>
<td>105</td>
<td>100,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Peirce Park-Resurface Tennis and Basketball Courts</td>
<td>111</td>
<td>45,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Robbins Park-Parking Lot Resurfacing</td>
<td>113</td>
<td>75,000</td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

(continued on following page)
## Parks & Recreation
### Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resurface Platform Courts-KLM and Burns Field</td>
<td>119</td>
<td>$25,500</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>KLM Lodge Roof Repairs</td>
<td>121</td>
<td>35,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Swimming Pool Pump/Motor Maint.</td>
<td>122</td>
<td>13,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Swimming Pool Heater Replacement</td>
<td>123</td>
<td>12,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Aquatic Climbing Wall</td>
<td>124</td>
<td>17,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Pool Facility Audit</td>
<td>125</td>
<td>10,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>$398,500</td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

**Annual 5 Year Average**: $332,700  
**Annual 3 Year Average**: $365,167
Parks & Recreation
Proposed Capital Items: 2018-19

• Replace Truck Unit #3 (Pick-up w/Lift Gate) $36,000
  − Replacement of a nine year-old Ford F-250 pick-up used daily by Parks Maintenance staff during the summer months and for snow removal during the winter

• Replace Park Benches $30,000
  − All Village parks were surveyed and found that there are a large number of benches that are in need of replacement or repair
  − The Parks & Recreation Commission has requested a uniform style of bench to be installed in all parks
  − To create consistency and improve aesthetics, it is recommended to complete this as a capital project with multiple parks being completed in one year, rather than single benches over many years
  − Any remaining benches needing replacement will be purchased through the Bench Donation Program or the operating budget
• **Brook Park – Resurface Tennis and Basketball Courts, add Pickleball**

  p. 105

  - The Brook Park tennis and basketball courts were last resurfaced in 2011; resurfacing is needed due to the low grade of the courts, which accelerates deterioration from heavy rain events.

  - The Parks & Recreation Commission has recommended that two of the four tennis courts be repurposed to pickleball courts. Six pickleball courts will fit in the space of two tennis courts. This will not add additional cost to resurfacing, as it only requires different striping once the resurfacing is completed.
Parks & Recreation
Proposed Capital Items: 2018-19

- **Peirce Park-Resurface Tennis and Basketball Courts**
  - The courts were last resurfaced in 2001; project includes patching and crack filling and resurfacing to create a smooth playing surface
  - Deferred Item $45,000

- **Robbins Park –Parking Lot Resurfacing**
  - There are two parking lots at Robbins Park; the resurfacing is for the lot that is adjacent to 7th Street and Vine Street
  - The parking lot has a high volume of use; the lot is utilized by AYSO soccer, Hinsdale Little League and various recreational programs
  - $75,000

- **Resurface Platform Courts (KLM/Burns Field)**
  - Platform tennis courts are generally resurfaced approximately every four years; courts were last resurfaced in 2014
  - Resurfacing will be performed on six platform tennis courts at KLM Park and two platform tennis courts at Burns Field
  - $25,500
Parks & Recreation
Proposed Capital Items: 2018-19

- **KLM Lodge Roof Repairs**
  - Repairs to the roof, including patching, seal coating, and material replacement, are being recommended in accordance with the FY 2016-17 roof study
  - Deferred Item
  - $35,000

- **Swimming Pool Pump/Motor Maintenance**
  - There are four vertical turbine pumps that circulate the pool water; the pumps have a life expectancy of 12-15 years, but Village staff has established a maintenance schedule in order to extend the life of the equipment
  - Rehab of Pump #4 is scheduled to occur before the 2018 swimming season
  - $13,000

- **Swimming Pool Heater Replacement**
  - There are three heaters for the pool: two large heaters that heat the lap pool, and one smaller heater that heats the kiddie pool and dive well
  - Recommendation is to stagger the replacements over next three fiscal years; one of the large heaters will be replaced in FY 2018-19
  - $12,000
Parks & Recreation
Proposed Capital Items: 2018-19

• **Aquatic Climbing Wall**
  - The item is in response to a Parks & Recreation Commission request that a new amenity be added for the 2018 pool season
  - **New Item** $17,000

• **Community Pool Facility Audit**
  - In 2010, a Pool Facility Audit (see CIP appendix) was completed indicating the expected lifespan of the pool to be 30-50 years
  - Staff is recommending that a new facility audit be completed in the next year to give a better indication of the remaining longevity of the pool and to assist in future capital and renovation planning
  - **New Item** $10,000
## Police Department
### Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace/Upgrade Surveillance System</td>
<td>23</td>
<td>$120,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Electronic Fingerprint Identification System</td>
<td>26</td>
<td>30,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Security Improvements</td>
<td>27</td>
<td>65,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace In-Car Cameras</td>
<td>28</td>
<td>70,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Supervisor Unit #40</td>
<td>33</td>
<td>34,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Non-Patrol Vehicle Unit #36</td>
<td>34</td>
<td>19,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$338,000</strong></td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

| Annual 5 Year Average | $283,550   |
| Annual 3 Year Average | $298,567   |
Police
Proposed Capital Items: 2018-19

- Replace/Upgrade Surveillance System $120,000
  - Project is the upgrade of the 13-year-old police building camera security surveillance system
  - The surveillance system is used to monitor both the interior and exterior areas of the police building, including cell blocks, booking areas and interview rooms
  - The new system upgrade will combine four disparate systems into a single storage system with necessary redundancy and security
  - The project cost has increased from $60,000 to $120,000 from the last CIP. Staff is assessing all options for the most cost efficient system possible
**Police**

**Proposed Capital Items: 2018-19**

- **Replace Fingerprint Identification System** $30,000
  - Scheduled replacement of fingerprint identification system; new system is intended to integrate with County-wide records management system to increase efficiency and eliminate double data entry

- **Security Improvements** $65,000
  - This program seeks to upgrade and expand security systems in the Village as well as creating controlled access to Village facilities

- **Replace In-Car Cameras** $70,000
  - The existing eight-camera, in-car camera system was last replaced in 2011; replacement of all eight cameras is requested for FY 2017-18
In accordance with Police Department policy, it is recommended that patrol vehicles be evaluated for replacement every 3.5 to 4 years, and supervisor/Sergeant vehicles (in use 24 hours per day) be evaluated every 2 years.

Frontline patrol vehicles accrue both mileage and idle time, contributing to wear and tear and affecting the longevity and reliability of the vehicles.

- **Supervisor Unit #40**
  - Replacement of 2016 Ford Police Interceptor patrol vehicle with approximately 85,000 miles at time of replacement; projected cost includes equipment switch-over costs of approximately $4,000
  - The supervisor patrol vehicle is used 24 hours a day, seven days per week

- **Patrol Non-Patrol Unit #36**
  - Replacement of 2010 Ford Explorer with approximately 67,000 miles at time of replacement
  - Replacement vehicle will be used as an undercover vehicle and will not look like a police car. The vehicle will be used to travel to Chicago and other surrounding areas
  - Current unit will be repurposed in the Village's fleet
## Fire Department Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resurface Apparatus Floor</td>
<td>47</td>
<td>$37,800</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Automatic Chest Compression Devices (2)</td>
<td>50</td>
<td>25,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Refurbish Truck #T84</td>
<td>52</td>
<td>30,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$92,800</strong></td>
<td><strong>Corporate Fund</strong></td>
</tr>
</tbody>
</table>

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annual 5 Year Average</strong></td>
<td></td>
<td>$249,560</td>
</tr>
<tr>
<td><strong>Annual 3 Year Average</strong></td>
<td></td>
<td>$102,600</td>
</tr>
</tbody>
</table>
Fire

Proposed Capital Items: 2018-19

• **Resurface Apparatus Floor** $37,800
  - The floor was last resurfaced approximately 11 years ago; deterioration is evident from use by fire vehicles and ambulances, which are significantly heavier than a standard vehicle

• **Replace Automatic Chest Compression (ACC) Devices (2)** $25,000
  - The ACC devices are used for performing mechanical chest compressions when effective manual cardiopulmonary resuscitation (CPR) is not possible

• **Refurbish Truck #T84** $30,000
  - Vehicle is a 105’ Aerial Ladder Truck and was purchased in 2008 at a price of $975,000; life expectancy of the vehicle is 20 years
  - The manufacturer recommends that at the ten-year mark the aerial equipment should go through a refurbishment process in order keep the vehicle in good working condition for the next 10 years
## Administration & Finance
### Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implement Village-wide Enterprise System</td>
<td>11</td>
<td>$275,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Storage Area Network</td>
<td>12</td>
<td>47,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Replace Village Board Room Broadcast Equipment</td>
<td>13</td>
<td>39,500</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>Upgrade Servers (3)</td>
<td>14</td>
<td>15,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$376,500</strong></td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

**Annual 5 Year Average**

- **$96,300**

**Annual 3 Year Average**

- **$160,500**
Administration & Finance
Proposed Capital Items: 2018-19

- Implement Village-wide Enterprise System
  
  FY 2017-18: $100,000
  FY 2018-19: $275,000
  FY 2019-20: $75,000

- Replacement of the Village’s financial accounting systems with a modern and integrated software solution
- Total cost of $450,000 projected over FY 2017-18, FY 2018-19, and FY 2019-20 and includes training and implementation
- Expected resident service enhancements include online transactions such as building permit applications and utility bill payments
- Enterprise system modules are expected to include:
  - Accounting/General Ledger
  - Accounts Payable
  - Utility Billing
  - Business Licensing
  - Service Requests/Work Orders
  - Requisitions/Purchasing
  - Cashiering/Cash Receipts
  - Vehicle Licensing
  - Citizen Self Services
  - Accounts Receivable
  - Payroll/Human Resources
  - Building Permits
  - Parking Enforcement
Proposed Capital Items: 2018-19

- **Replace Storage Area Network (SAN)** $47,000
  - The SAN has multiple hard drives that store all of the Village Hall electronic records, including water meter reading system data and the Village's email.
  - The SAN replacement has been deferred from FY 2017-18 to FY 2018-19 to correspond with the ERP installation. The amount of this project has also increased from $20,000 to $47,000 to accommodate for the potential additional storage required for an ERP system to be hosted on-site.

- **Board Room Video Broadcast Equipment** $39,500
  - The Board Room microphones and speakers were not replaced as part of the 2006 Board Room renovation. The sound quality has diminished, causing sound issues on live and recorded videos.
  - The proposed solution would take advantage of new technology with both wired and wireless sound options.
  - A portion of these costs can be recuperated through the public, educational and government (PEG) fee.

Deferred Item
Proposed Capital Items: 2018-19

- Upgrade Servers (3) $15,000

This project will upgrade three of the servers purchased as part of the virtualization project that was completed in 2013.

- The recommended replacement cycle for a server is four to six years depending on several factors including usage, system configuration, and environment.

- The age of the servers would fall into the recommended replacement window. By upgrading the servers, their life expectancy will be extended for an additional three to four years.

- The current three servers do not have enough physical memory installed to support further virtual server growth.
Economic Development
Proposed Capital Item: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village Gateway Entry Marker Sign</td>
<td>16</td>
<td>40,000</td>
<td>Corporate Fund</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>$ 40,000</td>
<td>Corporate Fund</td>
</tr>
</tbody>
</table>

Annual 5 Year Average $35,200
Annual 3 Year Average $44,333
Economic Development
Proposed Capital Item:  2018-19

- Village Gateway Entry Marker Sign $40,000
  - Replacement of existing wood panel sign located at Ogden and I-294 with gateway signage consistent with other recent Village sign projects
## Water/Sewer Fund

### Proposed Capital Items: 2018-19

<table>
<thead>
<tr>
<th>Project Description</th>
<th>CIP Page</th>
<th>2018-19</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Hydrant Replacement</td>
<td>131</td>
<td>25,000</td>
<td>Water/Sewer Fund</td>
</tr>
<tr>
<td>Replace and Upgrade Veeck Park CSO SCADA System</td>
<td>135</td>
<td>50,000</td>
<td>Water/Sewer Fund</td>
</tr>
<tr>
<td>Well #5 Rehabilitation</td>
<td>137</td>
<td>76,000</td>
<td>Water/Sewer Fund</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>$151,000</td>
<td>Water/Sewer Fund</td>
</tr>
</tbody>
</table>
The Village’s Five-Year Plan Water/Sewer Fund CIP contemplates approximately $2.8 million in improvements to the Village’s wells and water facilities from 2018-19 to 2022-23, with $151,000 recommended for 2018-19.

<table>
<thead>
<tr>
<th>Year 0 Projected FY 2017-18</th>
<th>Year 0 Est. Actual FY 2017-18</th>
<th>Year 1 Projected FY 2018-19</th>
<th>Year 2 Projected FY 2019-20</th>
<th>Year 3 Projected FY 2020-21</th>
<th>Year 4 Projected FY 2021-22</th>
<th>Year 5 Projected FY 2022-23</th>
<th>Five-Year Plan Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Total</td>
<td>405,000</td>
<td>315,000</td>
<td>151,000</td>
<td>463,000</td>
<td>625,000</td>
<td>380,000</td>
<td>1,165,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,784,000</td>
</tr>
</tbody>
</table>
Water/Sewer Fund

Proposed Capital Items: 2018-19

- **Fire Hydrant Replacement** $25,000
  - Continuation of an annual program to replace five (5) fire hydrants each year that are outdated and difficult to operate, maintain and repair; this is consistent with best practices recommended by the National Fire Protection Association (NFPA)

- **Replace/Upgrade Veeck Park CSO SCADA System** $50,000
  - This item is for the update of the proprietary Veeck Park Combined Sewer Overflow CSO (CSO) Supervisory Control and Data Acquisition System (SCADA) software, hardware, lap top computer, and main computer
  - This system allows staff to monitor and make adjustments to the facility 24 hours per day (includes remote access capabilities)
  - Current system was installed in 2010 and an upgrade to these systems is recommended
Well #5 Rehabilitation  $76,000

- The Village maintains three wells (Well #2, #5 and #10) in service in order to provide a back-up water supply should there be an interruption in the flow of Lake Michigan water from the DuPage Water Commission (DWC)
- In order to keep these wells operational, periodic maintenance every six years is required
- Cost estimate was based upon a similar project in 2012 when Well #5 was last rehabilitated
- The level of rehabilitation is based on a necessity to keep the well in good condition in case of an emergency water shut-off from DuPage Water Commission
Public Services
New Items

**FY 2022-23**

- **Replace Memorial Building Floors**
  - Floors are believed to be approximately 40 years old
  - This request includes removal of tile and sealing of the floors in the lower level Scout Room/foyer and Village Hall attic
  - The Scout Room is currently used by HCS Family Services as a food pantry, and the Village Hall attic is used for storage
  - Both floors are degrading due to age, and the Village's insurance carrier (IRMA) has recommended that they be removed

New Item $30,000
Police Department
New Items

**FY 2022-23**

- **Roof Replacement**
  - In FY 2016-17, the Village engaged a consultant to provide guidance as to the upcoming maintenance requirements for the roofs of Village-owned buildings.
  - Repairs made in FY 2017-18, based on the roof study, have extended the life of the roof for an additional four to five years.
  - The total cost of the project is estimated at $580,000 and will be split equally between the Fire and Police Departments.

**FY 2020-21**

- **Replace In-car Laptops (9)**
  - In-car laptop computers are essential to operations for patrol officers and are needed for communications with the dispatch center for electronic ticketing, crash reporting, report writing, policy accessing, and other network resources.
  - The useful life of a laptop computer operating in a patrol vehicle is estimated at five years.
  - Replacements were formerly provided by our previous dispatch center. Now these items are required to be funded by the Village.
FY 2021-22

- Replace Duty Pistols (30)  
  - The current duty pistols are owned by the Village and were purchased in 2011  
  - Duty pistols are regularly used in trainings and qualifications  
  - Over time and with use, the pistols require maintenance and become less reliable
Fire Department
New Items

**FY 2022-23**

- **Roof Replacement**
  - In FY 2016-17, the Village engaged a consultant to provide guidance as to the upcoming maintenance requirements for the roofs of Village-owned buildings
  - Repairs made in FY 2017-18, based on the roof study, have extended the life of the roof for an additional four to five years
  - The total cost of the project is estimated at $580,000 and will be split equally between the Fire and Police Departments

**FY 2019-20**

- **Replace Self Contained Breathing Apparatus**
  - Used to help firefighters breathe while in smoke or chemical-filled environments; units were purchased in 2005 and typically have a 15 year life span
  - Standards require that the department have 25 SCBAs to allow for one SCBA to be assigned to each member of the department, units to be placed on each apparatus, and to have two additional spares on hand in case of maintenance or failure
  - Staff is currently researching grant opportunities
Water/Sewer Fund
New Items

**FY 2022-23**

- **Hinsdale Standpipe (Repaint Interior)** $550,000
  - The Hinsdale Standpipe was last painted in 2003, drained and inspected in 2010, and inspected with the use of divers in 2013
  - The 2010 and 2013 inspection indicated that the Standpipe would not need to be recoated for 8 to 10 years

- **Replace Truck Unit #38** $40,000
  - This vehicle is utilized year-round to carry out the majority of the day to day operations of the Water/Sewer Division
  - The Public Services Vehicle Replacement Policy states that smaller trucks be replaced approximately every 7 to 10 years depending on mileage and condition
Economic Development
New Item

FY 2019-20

• Gateway Entry Marker Signs (5) $50,000

- The aesthetic contribution of the current signs has diminished over time
- The Village currently has six entry marker signs: Ogden Avenue eastbound and westbound, 55th Street eastbound and westbound, Madison heading north and 47th Street heading westbound
## CIP Summary
### Years Two Through Five

<table>
<thead>
<tr>
<th>Year</th>
<th>FY 2019-20</th>
<th>FY 2020-21</th>
<th>FY 2021-22</th>
<th>FY 2022-23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Services</td>
<td>$150,000 – Replace Roadway Front Loader Unit #8</td>
<td>$170,000 - Replace Roadway Truck Unit #5</td>
<td>$250,000 – Highlands Train Station Improvements</td>
<td>$155,000 - Replace Forestry Log Truck Unit #21</td>
</tr>
<tr>
<td>Parks &amp; Recreation</td>
<td>$300,000 – Resurface KLM Road and Parking Lots</td>
<td>$100,000 – Renovate Irma Butler Tot Park</td>
<td>$150,000 – Skate Park Improvements</td>
<td>$170,000 – Resurface Veeck Park Parking</td>
</tr>
<tr>
<td>Police</td>
<td>$247,000 – Additional Payboxes (19)*</td>
<td>$47,700 – Replace In-car Laptops</td>
<td>$37,000 – Replace Patrol Vehicle Unit #42</td>
<td>$290,000 – Replace Fire/Police Building Roof</td>
</tr>
<tr>
<td>Fire</td>
<td>$200,000 – Replace Self Contained Breathing Apparatus**</td>
<td>$15,000 – Replace Front Driveway</td>
<td>$575,000 – Replace Fire Engine #E85</td>
<td>$290,000 – Replace Fire/Police Building Roof</td>
</tr>
<tr>
<td>Administrative</td>
<td>$75,000 – Village-wide Enterprise Planning System</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Economic Development</td>
<td>$50,000 – Gateway Entry Marker Signs (5)</td>
<td>$43,000 – Wayfinding Signs</td>
<td>$43,000 – Wayfinding Signs</td>
<td>N/A</td>
</tr>
<tr>
<td>Water &amp; Sewer</td>
<td>$350,000 Replace Vactor Unit #15 and Sewer Jet Unit #30</td>
<td>$600,000 – Repaint Hinsdale Standpipe Exterior</td>
<td>$150,000 – Replace Aerator</td>
<td>$550,000 – Repaint Hinsdale Standpipe Interior</td>
</tr>
</tbody>
</table>

*Contingent upon the completion of the parking deck.

**Staff is currently researching grant opportunities.
Staff respectfully requests direction from the Trustees and Finance Commission on the following points:

• Confirm staff’s recommendations for the capital items contemplated for FY 2018-19; approved items will be included in the FY 2018-19 annual budget