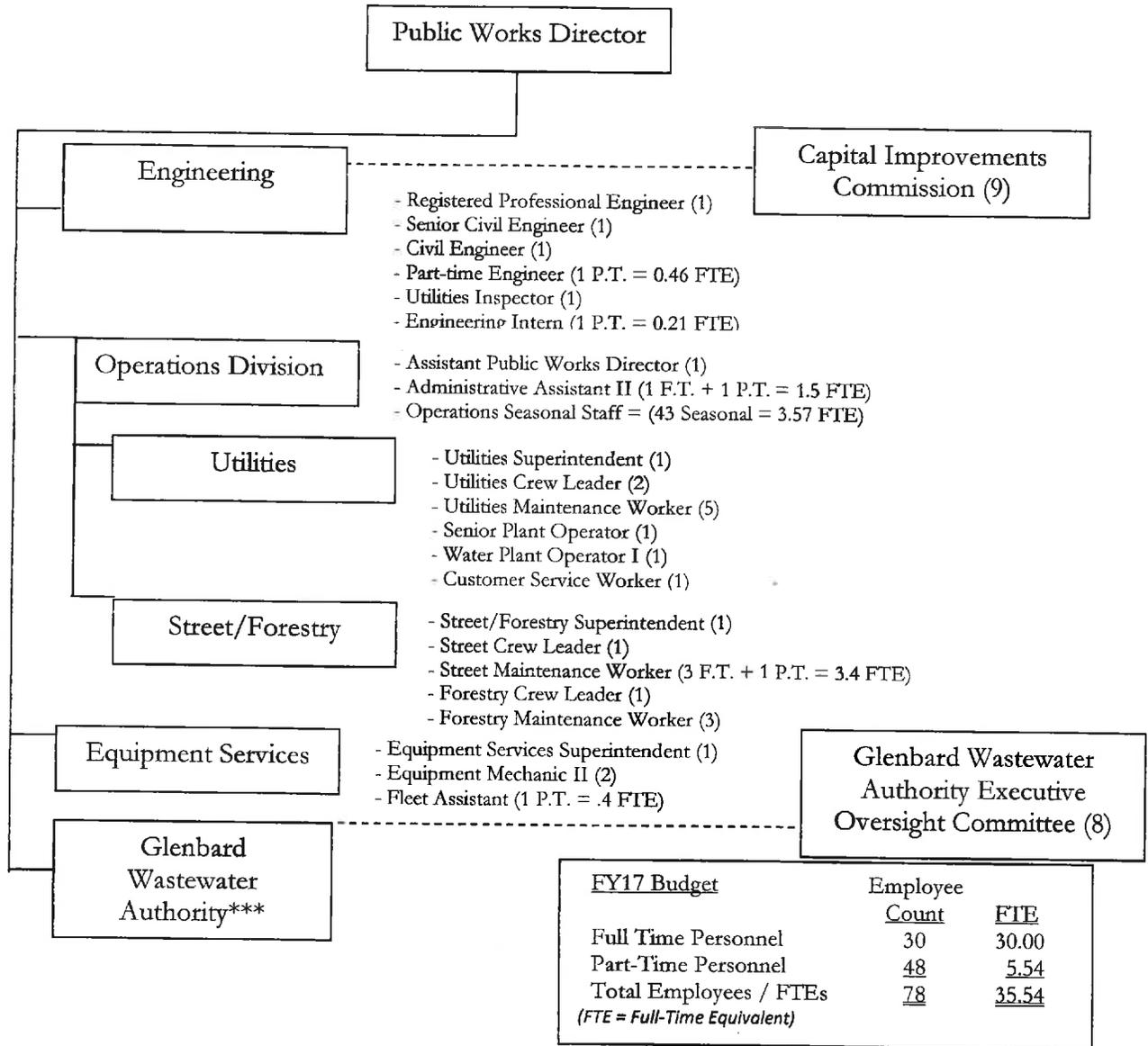


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PUBLIC WORKS DEPARTMENT FISCAL YEAR 2017



	FY09	FY10	FY11	FY12	FY13	FY14	SY14	FY15	FY16	FY17
<u>Budgeted Full-Time Employees</u>										
Administration / Engineering	7	6	6	6	6	6	6	7	7	7
Equipment Services	3	3	3	3	3	3	3	3	3	3
Streets / Forestry *	0	0	0	0	9	9	9	9	9	9
Utilities *	0	0	0	0	11	11	11	11	11	11
Operations *	19	19	19	19	0	0	0	0	0	0
Total FT**	29	28	28	28	29	29	29	30	30	30

* Street/Forestry and Utilities Divisions were combined into one Operations Division based on Public Works Reorganization Plan implemented in FY06/07. In FY12/13, the Utilities and Street/Forestry divisions were restored.

** In FY06, Public Works had a total of 32 FT employees.

*** Separate intergovernmental agreement agency with 17 full-time staff who are not Village employees. Per agreement with the Village of Lombard, the GWA Wastewater Manager reports to the Glen Ellyn Public Works Director.

PUBLIC WORKS DEPARTMENT

Overview

The Public Works Department is responsible for a wide variety of programs that provide the basic services required by Village residents. The department handles the design, and construction of village infrastructure in addition to numerous maintenance activities. The work performed in the department includes the drinking water distribution system, sanitary sewage and storm water collection systems, streets, street signs and pavement markings, traffic signals, street lighting, public sidewalks, Central Business District (CBD) landscaping and parking lots, parkway trees, and snow removal operations. The management, purchase, and maintenance of the entire village fleet of trucks and equipment is conducted by Public Works. As the lead agency, the Public Works Director works closely with the Glenbard Wastewater Authority that is jointly owned and operated by the Villages of Glen Ellyn and Lombard.

A major responsibility of the Public Works Department is development and implementation of the various capital projects to maintain and improve the water, sanitary sewer, storm sewer, street, and sidewalk systems. The water system provides safe water for drinking and water for fire-fighting. The sanitary sewers remove wastes from individual homes and enhanced treatment is provided at the Glenbard Wastewater Authority before discharge to the East Branch DuPage River. The storm sewer system transports rainwater from the village in order to reduce storm water flooding. The streets and sidewalks are constantly evaluated and maintained for safe travel.

The Village of Glen Ellyn has continually updated and expanded these systems over the years. The systems are collectively in good operating condition and provide reliable service for all residents. The systems continue to need significant capital improvements on a yearly basis. This work is reflected in the budget for the Public Works Department. Capital expenditures make up over 50% of the expenditures for the Public Works Department.

The other major responsibility of the Public Works Department is performing maintenance on the village infrastructure. Maintenance is performed and evaluated by the professional men and women that work in the department. Within the Public Works Department are six major Divisions: Administration, Engineering, Street, Forestry, Utilities, and Equipment Services (Fleet). Our Administration Division is the primary interface with the public providing excellent customer service by quickly responding to their needs in many different ways. The Engineering Division oversees our Capital Improvement Program as well as oversight of our Plant Operations that include water distribution and sanitary sewer collection facilities. Engineering provides the technical expertise on both the maintenance and construction associated with streets, water distribution and the storm and sanitary sewer systems. The Street Division, Forestry Division and Utilities Division are responsible for the daily planning, scheduling, and implementing of the required maintenance in their respective areas of expertise. The Equipment Services Division provides management of over 174 vehicles and numerous pieces of equipment for the Village (Police, Public Works, Planning and Development, and Facilities Maintenance), Fire Company, and Glenbard Wastewater Authority.

During weather related emergencies caused by snow storms, flooding, or gale force winds the entire department is dedicated to work 24 hours a day indefinitely until the situation is stabilized. The department has proven itself to be very effective helping residents while performing a variety of emergency operations associated with village streets, forestry, and water and sewer systems.

Village assets maintained by the Public Works Department include:

- 89 miles of roadway
- approx. 950 street lights (Village owned)
- approx. 13,933 parkway trees
- approx. 4,250 street and traffic signs
- Downtown benches, bike racks and trash receptacles
- 70 miles of storm sewer mains
- 3,165 storm sewer inlets, basins and manholes
- 1,400 fire hydrants
- 147 miles of water mains
- 1,576 water main valves
- approx. 8,200 water services
- 2 one million gallon ground level water reservoirs
- 2 elevated water storage tanks
- 2 water pressure adjusting stations
- 2 water pumping stations
- 2 stand-by ground water wells
- 85 miles of sanitary sewer mains
- 4 sanitary sewer lift stations
- approx. 2,000 sanitary sewer manholes

VILLAGE OF GLEN ELLYN
FISCAL YEAR 2017 ANNUAL BUDGET
PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>	<u>FY15 Budgeted Employees</u>	<u>FY16 Budgeted Employees</u>	<u>FY17 Budgeted Employees</u>
<u>Administration & Engineering Division</u>							
Public Works Director	FT	V	1.00	1.00	1.00	1.00	1.00
Assistant Public Works Director	FT	S	1.00	1.00	1.00	1.00	1.00
Registered Professional Engineer	FT	T	1.00	1.00	1.00	1.00	1.00
Senior Civil Engineer	FT	Q	-	-	1.00	1.00	1.00
Civil Engineer	FT	O	1.00	1.00	1.00	1.00	1.00
Part-time Engineer	PT	TBD	-	-	-	-	0.46
Utilities Inspector	FT	J	1.00	1.00	1.00	1.00	1.00
Engineering Intern	PT	N/A	0.42	0.21	0.21	0.21	0.21
Administrative Assistant II	FT/PT	F	1.50	1.50	1.50	1.50	1.50
			<u>6.92</u>	<u>6.71</u>	<u>7.71</u>	<u>7.71</u>	<u>8.17</u>
<u>Operations Division</u>							
Street/Forestry Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Utilities Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Sr Water Plant Operator	FT	L	1.00	1.00	1.00	1.00	1.00
Water Plant Operator I	FT	I	1.00	1.00	1.00	1.00	1.00
Crew Leader II	FT	J	1.00	1.00	1.00	1.00	-
Crew Leader I	FT	I	3.00	3.00	3.00	3.00	4.00
Project Coordinator	FT	G	-	-	-	-	-
Customer Service Worker	FT	G	1.00	1.00	1.00	1.00	1.00
Maintenance Worker III	FT	G	-	-	-	1.00	1.00
Maintenance Worker II	FT/PT	F	5.40	5.40	5.00	4.00	3.00
Maintenance Worker I	FT	E	6.00	6.00	6.40	6.40	7.40
Forestry Intern	PT	N/A	-	0.19	0.19	-	-
Seasonal Staff	PT	N/A	3.57	3.57	3.57	3.57	3.57
			<u>23.97</u>	<u>24.16</u>	<u>24.16</u>	<u>23.97</u>	<u>23.97</u>
<u>Equipment Services Division</u>							
Equipment Services Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Equipment Mechanic II	FT	J	2.00	2.00	2.00	2.00	2.00
Fleet Assistant I ¹	PT	E	0.40	0.40	0.40	0.40	0.40
			<u>3.40</u>	<u>3.40</u>	<u>3.40</u>	<u>3.40</u>	<u>3.40</u>
TOTAL EMPLOYEES (Full-time Equivalents)			<u>34.29</u>	<u>34.27</u>	<u>35.27</u>	<u>35.08</u>	<u>35.54</u>
Full-time Number of Positions			29	29	30	30	30
Part-time Number of Positions			48	48	48	47	48

* Information regarding salary ranges can be found in the appendix.

¹ Previously titled Inventory Clerk

ADMINISTRATION / ENGINEERING DIVISION

The Administration and Engineering Division is responsible for the administration of the Public Works department and the Village's public infrastructure capital improvements program. The Division's staffing plan consists of the Public Works Director, Assistant Public Works Director, Professional Engineer, Senior Civil Engineer, Civil Engineer, Utilities Inspector, and one full-time and one part-time Administrative Assistant.

The Administration staff is the primary interface between Public Works and the public. Staff makes sure work is completed in a safe and timely manner. The administrative assistants are on the front line fielding phone calls from residents and tracking service requests for the operating divisions. This is in addition to work such as coordination of field activities, processing of all personnel paperwork, issuing water meters, scheduling meter readings and other on-site inspections, monitoring the status of tree preservation and other development plans with regard to right of way, monitoring tree inventories, managing the tree cost share program, processing invoices, completing required reports and handling of all department correspondence, requests for proposals and bid documents. The Public Works Director is responsible for the Glenbard Wastewater Authority, an intergovernmental agency that is operated by an Executive Director serving Glen Ellyn and Lombard.

The engineering team of three full-time engineers is the primary technical resource for the Village in matters of public infrastructure. This group keeps records of public improvements; develops long-term capital plans and budgets for water, sewer and street infrastructure; initiates and coordinates infrastructure project design and construction activities; implements various infrastructure maintenance programs; oversees permits issued to utility companies for work in right-of-way; inspects developer roadway and utility improvements in the public right-of-way; and oversees public improvements related to private development projects.

Administration Accomplishments for CY16

1. Snow removal operations were a significant part of administrative duties.
2. Committed to 100% salt purchase in collaboration with DuPage County as a money saving idea with improved contractual benefits beyond State Procurement.
3. Enhanced all data pertaining to Public Works on the new Village website.
4. Performance evaluations and yearend review process conducted. Public Work's Maintenance employee performance review forms are modified to be more task and equipment operation orientated to improve performance and create more meaningful goals and measurements.
5. Compile division budgets for management and village board presentations.
6. Supported operations and responded to resident inquiries and requests.
7. During 2016, 3 new employees were hired to fill open positions in Operations, and plan to hire 2 engineers for current vacancies.

8. Continued to implement new web based asset and work management software (OMS) through Cartegraph, Inc. All Street Light fixtures in Glen Ellyn were added as an asset and a tree appraisal value was implemented. OMS software is a key component in Public Works efforts to improve work management and cost accounting. Public Works utilizes wireless mobility in the field to track work and assets through OMS.
9. Obtained a new 3 year contract for Brush removal.
10. Obtained a new 3 year contract for Landscape work.
11. Assisted in Reno Facility Improvements: corridor floor resurfacing, painting of 2 exterior walls, and installation of training room flat screen TV.
12. Continued the Public Works Quarterly Staff meeting. These meetings are a combination of pertinent training for all employees and discussion of previous quarter accomplishments and the next quarter goals. Published quarterly reports focus on updating our team of departmental activities as well as monitoring Key Performance Indicators (KPI) for each Division.

Administration Goals for CY17

1. Enhance customer service, improve work order tracking, and increase productivity on the many core functions Public Works performs. In order to accomplish this goal, we will continue monitoring a work management tool (Cartegraph) that will allow our team to generate, track, and ultimately share status of work orders with the residents to provide the best in customer service. This software package allows residents to report, submit, and track work request online and with mobile devices and gain access to status of work being performed through an online GIS System.
2. The Administration staff will continue to evaluate the organizational structure and make necessary changes as needed.
3. Continue to develop Key Performance Indicators (KPI) for the major functions performed by the division.
4. Develop Standard Operating Procedures (SOP) for tasks performed to include safety instructions and methods to produce high performance in all aspects of work.
5. Continue safety initiatives to maintain a good record of safety in driving and task performance.
6. Simultaneously reduce costs and improve service in all divisions.
7. Support all Village of Glen Ellyn Departments as needed.
8. Support Illinois Public Works Mutual Aid Network (IPWMAN) whenever emergencies occur in the region. Glen Ellyn Public Works is committed to assisting other municipalities' Public Works Departments in time of need.

9. Train all new employees on policies and procedures.
10. Obtain a new snow hauling contract.
11. Continue Reno Center Improvements: painting west exterior wall, constructing driveway connected to Wilson, and expand Lambert parking lot for public and employee use.

Engineering Division Activities in CY 16 and Planned for CY17

OVERVIEW

The Year 2017 will be a time of transition for the Engineering Division with the advent of new staff and structure led by current Senior Civil Engineer Rich Daubert who will be assuming the head engineering position. While the fundamental purposes and responsibilities of the group will not change significantly, it is anticipated that even more design and construction oversight responsibilities will be brought in-house and various methodologies and support functions upgraded and refined based on the abilities and resources of the engineering staff. Both short-term and long-term capital improvement plans will be examined and updated in response to the evolving needs and priorities of the Village.

The following narrative highlights the important roles, assignments, accomplishments and goals of the Engineering Division, featuring both current and future projects.

1. Technical Resource:

- ❑ Provided technical reviews, inputs, special support and/or inspection services for private or institutional development projects including:
 - Amber Ridge Subdivision
 - Newton Avenue Row Houses
 - South Park Boulevard Memory Care
 - Glen Oak Country Club
 - New South Park Blvd. Police Station
 - True North Service Station (Stacy Cor.)
 - Baker Hill Improved Access
 - Glenbard West High School Expansion
 - Enclaves of Glen Oak Subdivision
 - 369 Roosevelt Redevelopment
 - 1090 and 1100 Roosevelt Redevelopment
 - Roosevelt Glen Redevelopment
 - General Assistance to Development teams
 - Brookhaven Development
- ❑ Geographical Information Systems (GIS): Interfaced with GIS Consortium project leader on a regular basis to discuss applications and work status
- ❑ Continued imaging and logging of engineering plans and documents; working with consultants to obtain project record drawings in digital format
- ❑ Continued updating of various assets including water valve sheets and b-box and sanitary sewer service line cleanout location data bases
- ❑ Assisted the Village's Stormwater Engineer and Development Department personnel with various grading and drainage issues associated with single-family home sites and/or redevelopment

- ❑ Provided cost estimates and other technical input to the Planning and other Village departments for improvements including extensions of water and sanitary sewer mains and service connections, roadways, parking lots and other types of infrastructure
- ❑ Attended scheduled Planning Department Development Committee meetings
- ❑ Continued participation in the DuPage County Mayors and Managers Transportation Technical Committee and STP Methodologies Evaluation Task Force
- ❑ Continued to provide the Public Works operating divisions with mapping and plan preparation assistance and technical input and advice as requested / needed
- ❑ Coordinated the testing and certification of Department spoil materials as required by state legislation on the disposal of clean construction and demolition debris
- ❑ Coordinated the JULIE locating program for the Public Works Department
- ❑ Continued review of monthly Glenbard Wastewater Authority flow data for unusual activity or trends
- ❑ Reviewed utility company permit applications and interfaced with the utilities regarding field issues and undergrounding projects
- ❑ Provided monthly reports on construction and engineering projects
- ❑ As liaison to the Capital Improvements Commission, continued to provide pre-meeting information packets and other information as needed for the commissioners
- ❑ Continued participation in the DuPage County Stormwater Management presentations and ongoing learning seminars

2. Capital Improvements Planning/Future Projects/Funding/Grants:

- ❑ Continued making updates and refinements in the long-term capital improvements program for Village roadway / storm sewer rehabilitation, water system improvements, sanitary sewer system upgrades, and parking lot capital needs.
- ❑ Coordinated the 2016 effort to assess Village roadway conditions via the quadrennial pavement condition index rating project. The consultant imaged the entire street network and developed the PCI rating for each roadway segment. In addition roadway structures positions were geo-located for input into the Village GIS to obtain greater accuracy. The 2016 Pavement Condition Index values will be used to prioritize roadway improvements in the coming years.
- ❑ Continued coordination with the Illinois Department of Transportation for various federal aid projects including the Crescent Boulevard Reconstruction near Glenbard West (2015 construction), North Park Boulevard (anticipated 2018 construction date), Taylor Avenue Pedestrian Tunnel engineering (planned 2017 construction).
- ❑ Ongoing coordination with the Village of Lombard for the design and 2016 construction of the Hill Avenue Bridge over the East Branch of the DuPage River.
- ❑ Coordinated the submittal of applications in 2016 for federal funding through the Surface Transportation Program (administered locally by the DuPage Mayors and Managers Conference (DMMC)) for resurfacing of Central Business District Streets. Application has been submitted for consideration by the DMMC.
- ❑ In 2016 investigated the applicability of Community Development Block Grant Neighborhood Investment funding for the rehabilitation of water and sanitary sewer mains in the Royal Glen / Glen Terrace area.
- ❑ Additional funding of \$24,000 was obtained in 2016 for the IDOT Crosswalks project supplementing previous CMAQ funds of \$151,000 and RTA reimbursements of \$37,000 (total grant funds of \$212,000).

- The 2016 Lake Ellyn Outlet Control Structure Replacement Project was funded principally through a CDBG-Disaster Relief grant totally \$500,000. The initial 2015 grant of \$245,000 was supplemented by a 2016 award of \$255,000.

3. Major Infrastructure Improvements Project Involvement

In 2016, the following improvement projects were bid and constructed or further work authorized. Engineering staff coordinated project designs with consultants or defined the scope of work, bid and awarded construction contracts, and oversaw (either directly or with the assistance of consultants) project construction.

- **Elm-Oak-Geneva Improvements (#16006)** – The project involved the reconstruction of Elm between Kenilworth and Western; the resurfacing of Oak between Kenilworth and Western; installation of storm sewer on Kenilworth between Oak and Elm; and a variety of drainage improvements on Geneva Road at the outlet of the Kenilworth Basin storm sewer system. A primary benefit of the project is the improvement of overland flow in the north portion of the Kenilworth drainage basin including some private property improvements incorporated based on a recommendation by the Capital Improvements Commission and approval of the Village Board. Elm Street underground infrastructure was significantly upgraded with the work. Project design and extensive multi-agency coordination and permitting efforts were handled exclusively in-house. The estimated total project costs for construction and resident engineering services are \$3,150,000 with a construction cost of \$3,000,000.
- **Lake Ellyn Outlet Control Structure Replacement (#14001)** – Construction of a new outlet structure on the north side of Lake Ellyn was accomplished in 2016 to improve the Lake Ellyn outlet hydraulic capabilities. Estimated construction cost is \$600,000 with the Park District covering \$105,000 in dredging costs. Construction engineering expenses are \$65,000. A Block Grant (Disaster Relief) will cover \$500,000 in construction-related expenses.
- **Hill Avenue Bridge (#16008)** – Glen Ellyn has agreed to partner with the Village of Lombard to replace the existing Hill Avenue bridge over the East Branch of the DuPage River. The project was bid in 2016 and construction is expected to be completed in late November 2016. The local share of project expenses are being split between the two communities, with the Glen Ellyn share capped at \$300,000. Current total expenses are currently estimated to be \$270,000 for the project.

In 2017, the following major improvement projects are planned for implementation (Please refer to the accompanying map and project lists):

- **Taylor Avenue Pedestrian Tunnel (#15009)** – Engineering will be completed in 2016 / early 2017 and the project bid through the Illinois Department of Transportation. Project construction costs are currently estimated at \$2,400,000 with an STP grant covering 75% of construction. Construction oversight costs are estimated to be \$250,000. The local share of \$850,000 will be budgeted for CY 2017.

- **Kenilworth-Alley Improvements (#16009)** – Reconstruction of Kenilworth Avenue between Greenfield and Hill; reconstruction of three alleys: between Park and Annandale between Hillside and Duane and east of Lincoln:

 - Design Engineering \$30,000 (performed in-house; all funds)
 - Construction – Capital . . . \$850,000; Water/Sewer . . . \$355,000
 - Resident Engineering \$120,500 (consultant; all funds)

- **2017 Road and Utility Improvements (#17004)** – The following roadways are programmed for significant rehabilitation: Davis Terrace (Linden to south); East (Fairview to High); Montclair (Turner to Hill); and Smith (May to Spring) – a total of 2,800 ft. of improvements including extensive water, sanitary and storm sewer upgrades:

 - Design Engineering \$150,000 (consultant; all funds)
 - Construction – Capital . . . \$1,500,000; Water/Sewer . . . \$1,475,000
 - Resident Engineering. . . . \$300,000 (consultant; all funds)

- **2017 Resurfacing Program (#16002 and #17002)** – An **in-house engineering project** to provide resurfacing of candidate street sections typically requiring limited concrete curb, driveway and sidewalk repairs and only nominal drainage improvements. The planned 2016 work will be combined with additional candidate sections scheduled for work in 2017. Sections include the Baker Hill subdivision, Glenbard Road, Sunnybrook Road, Lake (Crescent to Oak), Turner (Montclair to Taylor), Greenwood Court, Buena Vista (Park to Taylor), South Ellyn (south of Buena Vista), roadways north of St. Charles and West of Main Street (Highland, Stacy, Emerson, and Cherry) and the Spring-Grove-Lombard-DuPage area south of Route 53. The Spring-Grove project will necessitate complete curb and gutter replacement. Project costs are anticipated to be \$2,030,000.

- **CBD Improvements (#15006 and #16005)** – For the roadway and streetscape portion of the project, design engineering at a cost of \$250,000 will take place in 2017 with work slated for 2018. Underground improvements will be implemented in 2017 for needed repairs and upgrades to the water distribution and sanitary sewer collection systems in the Central Business District prior to downtown roadway and streetscape projects. Detailed design, construction and resident engineering expenses are projected to be \$1,000,000 (\$500,000 each from the Water and Sanitary Sewer funds).

- **Route 53 and Roosevelt Road Water Main Lining (#16015)** – Design engineering and installation of potable water lining systems in the 12-inch mains on the south side of Route 53 between Spring and Surrey and on the north side of Roosevelt Road under the East Branch DuPage River. Estimated cost is \$1,100,000 from the Water Fund.

- **Roosevelt Road Water Main Replacement (#13008)** – Detailed design and initial implementation of a multi-phase construction project to rehabilitate Roosevelt Road water mains between the Wheaton border and Route 53. 2017 efforts will include design and implementation of the first phase of work, likely replacement of the water main between Nicoll and Route 53 and development of a comprehensive corridor plan. Estimated cost is \$560,000 from the Water Fund.

- **Memory Court Lift Station Rehabilitation (#16012)** – Design and construction phase related expenses for the replacement of existing mechanical and electrical systems and other upgrades at the lift station serving residents of Indian and Memory Court. Estimated expenses are \$640,000 for engineering and construction.

- **Sidewalk Program** - Anticipated projects include the annual Village sidewalk installation and replacement program; engineering and construction of sidewalk improvements on the west side of Ellyn Avenue adjacent to the Glenbard West High School parking lot, and through the lot connecting Ellyn and Glen Ellyn Place; and Lake Ellyn Park sidewalk on the east side of Lenox and the west side of Lake Road.

CY 16 SIDEWALK PROJECTS		
Project	Segment	Estimated Cost
2017 Sidewalk Improvements (#17001)	Village-wide replacement program	\$75,000
Glenbard West Parking Lot (#16007)	Extension of Sidewalk on Ellyn Avenue next to lot Connecting Sidewalk, Ellyn to Glen Ellyn Place	\$75,000
Route 53 Sidewalk Study (#16014)	Engineering Study and Design for 1,300 ft. of new sidewalk for the east side of IL 53 between Marston and Sheehan and west side of IL 53 between Glenbard and Pershing	\$10,000
Lake Ellyn Park Sidewalk (#16010)	East side of Lenox between Hawthorne and Essex and west side of Lake between Glenbard West entryway north of Crescent to Lake Ellyn dam	\$100,000
CY 16 SIDEWALK PROJECT TOTALS – Capital Projects Fund		\$255,000

- **Contract Street Maintenance** – Includes pavement preservation work to sustain and improve the condition of a roadway as well as extend its life between major rehabilitation events. Public Works develops an annual list of candidate street sections for various types of large scale maintenance work performed by private contractors under contracts written, let and supervised by staff. The contract street maintenance work proposed for CY 2017 includes:

CY 17 Maintenance Activity or Procedure	Estimated Cost
A. Asphalt Street Major Patching Project	\$225,000
B. Asphalt Roadway Crack Sealing	\$50,000
C. Asphalt Roadway Surface Treatments	\$25,000
E. Concrete Pavement and Curb Repairs	\$200,000
TOTAL – Capital Projects Fund	\$500,000

- Large-scale patching efforts will continue with targeted streets identified and evaluated by engineering and operations staff prior to contract development. Targeted streets typically have spot repair needs and are 3-5 years away from major rehabilitation. Periodically, an entire block of a roadway is resurfaced if warranted.
- Another major maintenance effort on asphalt streets is crack sealing, with candidate street sections including both recently paved streets and somewhat older streets to fill developing cracks.
- The surface treatment program will consist of the application of a preservative seal to recently paved roadways.

D. The concrete curb and street pavement repair program consists of the replacement of deteriorated sections of pavement and miscellaneous curb replacements at spot locations throughout the Village. Candidate sections include Main Street between Fairview and Hillside, Hillside between Main and Prospect and Hill east of Main Street.

In-house Project Coordination, Design and Construction Oversight of Projects

- In early 2015 the Village hired a Senior Civil Engineer with the express purpose of assuming more direct responsibilities for design and construction oversight of major public works infrastructure improvement projects. In 2016, the Senior Civil Engineer provided all design engineering services for the Elm-Oak-Geneva Improvements Project, saving the Village a minimum of \$50,000 in consulting fees, and more importantly, coordinated extensive resident interactions for private property improvements and multi-agency permitting including Village, Park District, DuPage County, IEPA and Army Corps interactions. Design work on the Kenilworth-Alleys Reconstruction was substantially completed as well. Engineering staff in 2017 will continue to provide selected design and construction oversight services for suitable projects with all positions contributing toward these efforts.
- Village Public Works staff continues to obtain the best vendor prices for various annual municipal maintenance activities and other regular construction programs. This effort included participation in the Municipal Partnering Initiative (MPI), a consortium of DuPage County communities that are jointly bidding out projects. The summary and status of these endeavors, as of September 2015, are displayed on the following table:

Project	Estimated Glen Ellyn Cost	Status
Asphalt Roadway Crack Sealing	\$35,000 (Contract Award)	Competitively bid contract awarded to Denler on September 12, 2016. Work to be completed in 2016.
Asphalt Roadway Skip Patching and Resurfacing	\$100,000 (2016 budget)	Project to be deferred to 2017.
2015 Parking Lot and Prairie Path Paving Project	\$122,700 (2015 award)	Board award 9/28/15 to Schroeder Asphalt Services based on bids received in September 2015 for the as-bid scope of work. Work will be performed in 2016.
Concrete Sidewalk And Roadway Repairs	\$260,000 (2016 Budget, all funding sources and award recommendation)	Approximately 250 individual work sites are involved with this restoration effort. Work to be performed in fall of 2016.
Hydrant Painting	\$34,800 (2016 award)	MPI Process - Go Painters selected for project.
Pavement Markings	\$60,000 (2016 Budget, all funds and award)	Contract with Superior Striping via the Suburban Purchasing Cooperative; Superior approved by Board on 2/2/16. Work is ongoing as requested.
2016 Sewer Lining (Project #16020)	\$450,000 (2016 project award)	Lining operations by Hoerr are essentially complete.
Asphalt Rejuvenators	\$100,000 (2016 budget)	Project award to CAM by Village Board in August 2016
Spoil Hauling and Delivery of Aggregates	\$51,000 (2016 award) \$52,200 (2017 award)	Marcott Enterprises is the contractor. The 2016 PO has been issued.

□ Closeout of various construction projects in 2016: Project close-outs include the 2014 Chidester-Elm-Lenox-Linden Improvements, 2013 Street Improvements, 2012 Lambert Road Right-turn Lane, 2015 Elm-Cottage-Geneva Connectors Improvements; 2015 Glenwood-Arbor-Ridgewood Improvements; and 2010 Riford Road projects.

Coordination with Consultants

□ Engineering staff play a key role in consulting engineer selection, project scope development, identification and resolution of project issues, and overall project coordination. Consultant work continued in 2016 on future projects and again will be required for many of the CY 2017 projects. Major upcoming efforts include:

<p>1. CBD Roadway Rehabilitation and Streetscape (#15006) – The currently envisioned project will consist of a combination of straightforward and enhanced resurfacing of the core roadways in the Central Business District including sections of Main, Duane, Prospect, Crescent, Pennsylvania, Glenwood and Forest as well as limited streetscape improvements focusing on Main Street and Crescent. The total budget for the project – including all engineering phases – is established at \$4.5 million. CY 17 efforts will focus on engineering design with construction anticipated in 2018. The Village is seeking STP project funds for streets where simple resurfacing is programmed.</p>	<p>\$250,000 (Capital)</p>
<p>2. North Park Boulevard and North Main Street Rehabilitation STP Project (#13001) – Costs for Phase II detailed design engineering to prepare contract documents for the reconstruction of Park between Roosevelt Road and Fairview; and resurfacing of Park north of Fairview to the railroad tracks and Main Street between Roosevelt and Fairview.</p>	<p>\$205,000 (Capital) \$80,000 (Water and Sewer)</p>
<p>3. CBD Over / Underpass Pre-Phase I Engineering (#14006) – Continued investigations of the feasibility and likely funding source(s) for a train station pedestrian tunnel and/or west side vehicle bridge / tunnel.</p>	<p>\$100,000 (Capital)</p>
<p>4. Train Station Over / Underpass Phase I Engineering (#16016) – Development of preliminary engineering report assessing options and impacts for improved pedestrian access to the train station area, including a possible joint initiative with Metra.</p>	<p>\$250,000 (Capital)</p>
<p>5. Royal Glen – Glen Terrace Design Engineering (#17005) – Consulting services for the design of water main replacements and sanitary sewer rehabilitation in the area north of Roosevelt Road and west of Finley, adjacent to the Braeside Subdivision. Currently in this area, the water and sewer mains are privately owned and maintained, but are in poor condition. Work will include development of easements and agreements – including project financing – with property so that the Village can assume system ownership following the improvements project. A CBDG-NI grant is being pursued for the work.</p>	<p>\$115,000 (Water and Sewer)</p>
<p>6. Bemis Road Improvements (#17003) – Bemis Road and a portion of Sunnybrook Road adjacent to the Glenbard Wastewater Authority Treatment Plant would be reconstructed to structurally upgrade the pavement and improve pedestrian accommodation. It is anticipated that GWA will partner with the Village on this project. Design engineering will be initiated in anticipation of 2018 or 2019 construction.</p>	<p>\$135,000 (Capital) \$65,000 (Water and Sewer)</p>

4. Public Improvements Inspections

- The Engineering Division, primarily in the person of the Utilities Inspector, inspects all water, sewer, driveway and sidewalk installations in the Village, ranging from single-family home renovations to complete sub-divisions. Additional inspections and services include fire flow test results and parkway irrigation system inspections. The Division responded to about 1,075 requests in 2016 for plan reviews (125), inspections (675), and work-in-parkway permits (110), refund of deposits (60), fire flow tests (70) and irrigation inspections (35).

Engineering Goals for CY 17

1. Develop and initiate an annual windshield survey to assess the condition of the Village's roadway network and aid in planning roadway maintenance activities.
2. Utilize the findings of the CY 16 PCI survey and CY 17 windshield survey of the Village's roadway network to fine tune the Village's ongoing and long term plan for street maintenance activities.
3. Develop and initiate an annual sidewalk survey to assess the condition of the Village's sidewalk network and aid in planning sidewalk maintenance activities.
4. Develop the engineering division to assume a modest amount of additional in-house design and construction oversight services for engineering projects. In unison, evaluate opportunities to capitalize on these capabilities to reduce project engineering expenses.
5. Complete the design and construction of the 2017 roadway program utilizing both in-house and external consultants.
6. Retain and oversee an engineering consulting firm to complete the design and construction of the CBD Underground Improvements.
7. Retain and oversee an engineering consulting firm to complete the design of the CBD Roadway/Streetscape Improvements.
8. Continue consultant oversight through Phase II Engineering for the STP funded Park Boulevard Rehabilitation and Main Street Resurfacing Project.
9. Implement the first phase of the multi-year Roosevelt Road water main rehabilitation program.
10. Prepare / update the ADA Transition Plan for the Village.
11. Continue working with IDOT to improve ingress/egress at the Baker Hill Shopping Plaza.

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: PUBLIC WORKS - ADMIN & ENGINEERING

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
143100 PUBLIC WORKS - ADMIN & ENGINEERING								
143100	510100	SALARIES - PENSIONABLE	\$ 469,489	\$ 502,350	\$ 502,350	\$ 502,350	\$ 466,800	-7.1%
143100	510120	SALARIES - NON PENSIONABLE	7,681	7,750	7,750	7,800	43,000	454.8%
143100	510200	OVERTIME	1,011	2,500	2,500	1,000	1,500	-40.0%
143100	510300	TEMPORARY HELP	1,686	5,880	5,880	750	5,380	-8.5%
143100	510400	FICA TAXES	35,064	38,600	38,600	38,600	38,400	-0.5%
143100	510500	IMRF EMPLOYER CONTRIBUTIONS	49,212	54,500	54,500	54,500	50,000	-8.3%
143100	520305	EMPLOYEE RECOGNITION	2,021	2,150	2,150	2,150	2,150	0.0%
143100	520600	DUES-SUBSCRIPTIONS-REG FEES	353	555	555	315	555	0.0%
143100	520620	EMPLOYEE EDUCATION	1,868	4,550	4,550	3,500	8,350	83.5%
143100	520625	TRAVEL	-	200	200	200	800	300.0%
143100	520905	PRINTING	300	750	750	500	750	0.0%
143100	520970	MAINTENANCE-BUILDING & GROUNDS	658	1,200	1,200	750	1,200	0.0%
143100	520975	MAINTENANCE-EQUIPMENT	11,754	1,000	1,000	1,000	1,000	0.0%
143100	521055	PROFESSIONAL SERVICES - OTHER	10,949	33,250	33,250	27,500	22,880	-31.2%
143100	521195	TELECOMMUNICATIONS	8,080	7,200	7,200	7,200	9,200	27.8%
143100	530100	OFFICE SUPPLIES	1,843	4,000	4,000	3,000	4,000	0.0%
143100	530105	OPERATING SUPPLIES	1,560	1,250	1,250	1,000	1,250	0.0%
143100	530225	SAFETY SUPPLIES	-	-	-	-	500	0.0%
143100	530445	UNIFORMS	1,180	1,504	1,504	1,250	1,504	0.0%
143100	580110	EQUIPMENT/CAPITAL OUTLAY	8,859	14,000	14,000	14,000	5,000	-64.3%
143100	590600	TRANSFER TO INSURANCE - HEALTH	55,194	57,500	57,500	49,000	62,600	8.9%
143100	590610	TRANSFER TO INSURANCE - GEN	7,700	9,200	9,200	9,200	8,000	-13.0%
143100	590650	TRANSFER TO EQUIP FUND - O&M	21,100	18,500	18,500	18,500	20,400	10.3%
143100	590655	TRANSFER TO EQUIP FUND - REPL	7,600	4,200	4,200	4,200	27,300	550.0%
TOTAL		PUBLIC WORKS - ADMIN	\$ 705,163	\$ 772,589	\$ 772,589	\$ 748,265	\$ 782,519	1.3%

2017 BUDGET

143100 PUBLIC WORKS - ADMIN & ENGINEERING	
143100 510100 - SALARIES - PENSIONABLE	476,800
PUBLIC WORKS DIRECTOR (60%)	84,000
ASSISTANT PUBLIC WORKS DIRECTOR (70%)	81,400
REGISTERED PROFESSIONAL ENGINEER (80%)	100,000
SENIOR CIVIL ENGINEER (80%)	75,000
CIVIL ENGINEER (80%)	63,000
UTILITIES INSPECTOR (20%)	14,900
ADMINISTRATIVE ASSISTANT II (70%)	48,500
143100 510120 - SALARIES - NON PENSIONABLE	33,000
ADMINISTRATIVE ASSISTANT II (34%)	8,000
PART TIME PROFESSIONAL ENGINEER	35,000
143100 510200 - OVERTIME	1,500
OT FOR ADMINISTRATIVE ASSISTANT II AND A PORTION OF THE UTILITIES INSPECTOR	1,500
143100 510300 - TEMPORARY HELP	5,380
ENGINEERING INTERN FOR 12 WEEKS (50%)	2,880
FRONT OFFICE COVERAGE (15 DAYS)	2,500
143100 510400 - FICA TAXES	38,400
EMPLOYER FICA TAXES	38,400
143100 510500 - IMRF EMPLOYER CONTRIBUTIONS	50,000
EMPLOYER IMRF CONTRIBUTIONS @ 10.34%	50,000
143100 520305 - EMPLOYEE RECOGNITION	2,150
SPOT AWARDS FOR EXEMPLARY PERFORMANCE	600
QUARTERLY DEPARTMENT MEETINGS	400
MISCELLANEOUS RECOGNITION	400
SEASONAL DEPARTMENT TEAM BUILDING	750
143100 520600 - DUES-SUBSCRIPTIONS-REG FEES	555
PE REGISTRATION (3 EMPLOYEES)	240
ILLINOIS PUBLIC WORKS MUTUAL AID NETWORK (IPWMAN)	250
DAILY HERALD SUBSCRIPTION	65

**FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: ADMIN & ENGINEERING**

**VILLAGE OF GLEN ELLYN
2017 BUDGET**

	2017 BUDGET
143100 520620 - EMPLOYEE EDUCATION	8,350
CONTINUING EDUCATION FOR PROFESSIONAL DEVELOPMENT FOR 7 EMPLOYEES	3,500
CARTEGRAPH TRAINING	250
LEED CERTIFICATION	300
COMPUTER TRAINING	250
ACCREDITATION EDUCATION	250
ILLINOIS PUBLIC SERVICE INSTITUTE - SENIOR CIVIL ENGINEER	800
AUTOCAD TRAINING FOR ENGINEERING	3,000
143100 520625 - TRAVEL	800
IPASS	200
IPSI (HOTEL, FOOD, TRAVEL) - SENIOR CIVIL ENGINEER	600
143100 520905 - PRINTING	750
PUBLIC WORKS BROCHURES & POSTAGE	750
143100 520970 - MAINTENANCE-BUILDING & GROUNDS	1,200
FLOOR MAT	1,200
143100 520975 - MAINTENANCE-EQUIPMENT	1,000
DEFIB MAINTENANCE	500
MOVEABLE STORAGE SHELVING YEARLY MAINTENANCE	500
143100 521055 - PROFESSIONAL SERVICES - OTHER	22,880
ADA TRANSITION PLAN	-
ARCHIVE SCANNING	1,500
CARTEGRAPH HOSTING	3,000
CARTEGRAPH OMS ELA UNLIMITED LICENSES 25%	9,630
CARTEGRAPH TRAINING 25%	3,750
ENGINEERING MISC	5,000
143100 521195 - TELECOMMUNICATIONS	9,200
CELL PHONE PUBLIC WORKS DIRECTOR	600
CELL PHONE ASSISTANT PUBLIC WORKS DIRECTOR	400
CELL PHONE PROFESSIONAL ENGINEER	400
CELL PHONE CIVIL ENGINEER	400
CELL PHONE PUBLIC WORKS UTILITY INSPECTOR	1,000
CELL PHONE ACCESSORIES	250
PHONE BILLS RENO CENTER LAND LINE (CALL ONE) UNDER BUDGETED IN 2016	5,000
SERVICE FOR TABLETS (2)	750
CELL PHONE SENIOR CIVIL ENGINEER	400

**FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: ADMIN & ENGINEERING**

**VILLAGE OF GLEN ELLYN
2017 BUDGET**

	2017 BUDGET
143100 530100 - OFFICE SUPPLIES	4,000
INCLUDES COPIER PAPER AND TONER AND OFFICE MATERIALS	4,000
143100 530105 - OPERATING SUPPLIES	1,250
ITEMS FOR FIELD WORK AND FURNITURE PARTS AND UPGRADES	1,250
143100 530225 - SAFETY SUPPLIES	500
SAFETY BOOTS (\$200 UTILITIES INSPECTOR AND \$150 EACH NEW ENGINEER HIRES)	500
143100 530445 - UNIFORMS	1,504
PUBLIC WORKS DIRECTOR	188
ASSISTANT PUBLIC WORKS DIRECTOR	188
PROFESSIONAL ENGINEER	188
CIVIL ENGINEER	188
PUBLIC WORKS UTILITY INSPECTOR	188
FT ADMINISTRATIVE ASSISTANT II	188
PT ADMINISTRATIVE ASSISTANT II	188
SENIOR CIVIL ENGINEER	188
143100 580110 - EQUIPMENT/CAPITAL OUTLAY	5,000
UPGRADE OF TRAINING ROOM FOR TRAINING AND PUBLIC WORKS INCIDENT COMMAND POST (MONITOR, A/V COMMUNICATIONS, ETC)	2,000
ENGINEERING EQUIPMENT (FIELD EQUIPMENT)	3,000
143100 590600 - TRANSFER TO INSURANCE - HEALTH	62,600
HEALTH INSURANCE CONTRIBUTION	62,600
143100 590610 - TRANSFER TO INSURANCE - GEN	8,000
GENERAL INSURANCE TRANSFER	8,000
143100 590650 - TRANSFER TO EQUIP FUND - O&M	20,400
143100 590655 - TRANSFER TO EQUIP FUND - REPL	27,300
TOTAL PUBLIC WORKS - ADMIN & ENGINEERING	782,519

VILLAGE OF GLEN ELLYN
FISCAL YEAR 2017 ANNUAL BUDGET
PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - ADMINISTRATION/ENGINEERING

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>	<u>FY15 Budgeted Employees</u>	<u>FY16 Budgeted Employees</u>	<u>FY17 Budgeted Employees</u>
Public Works Director	FT	V	1.00	1.00	1.00	1.00	1.00
Assistant Public Works Director	FT	S	1.00	1.00	1.00	1.00	1.00
Registered Professional Engineer	FT	T	1.00	1.00	1.00	1.00	1.00
Senior Civil Engineer	FT	Q	-	-	1.00	1.00	1.00
Civil Engineer	FT	O	1.00	1.00	1.00	1.00	1.00
Utilities Inspector	FT	J	1.00	1.00	1.00	1.00	1.00
Part-time Engineer	PT	TBD	-	-	-	-	0.46
Engineering Intern	PT	N/A	0.42	0.21	0.21	0.21	0.21
Administrative Assistant II	FT/PT	F	<u>1.50</u>	<u>1.50</u>	<u>1.50</u>	<u>1.50</u>	<u>1.50</u>
TOTAL EMPLOYEES (Full-time Equivalent)			<u>6.92</u>	<u>6.71</u>	<u>7.71</u>	<u>7.71</u>	<u>8.17</u>
Full-time Number of Positions			6	6	7	7	7
Part-time Number of Positions			3	2	2	2	3

* Information regarding salary ranges can be found in the appendix.

PUBLIC WORKS OPERATIONS – GENERAL FUND (STREETS and FORESTRY)

The Operations – General Fund budget consists of Operational Maintenance of Village owned Rights-of-Way (ROW) and includes such items as maintenance of our streets and roadways, sidewalks, signs, streetlights, parkway trees, landscaping, and Central Business District (CBD) appearance. Operations General Fund is divided into two cost centers – Street Division and Forestry Division. Some of the everyday activities performed under the Operations General Fund qualify for Illinois Department of Transportation reimbursement through the Motor Fuel Tax (MFT) Program. These tasks are monitored and documented for inclusion in annual MFT Resolutions to qualify for the MFT funding.

Street and roadway activities include the maintenance of 89 lane miles of roadway. Responsibilities include: maintenance of streets, curbs, signs and pavement markings, snow and ice management, the sidewalk improvement program, line striping and pavement crack sealing programs, street sweeping, parking meter maintenance, and parking lot and street light maintenance. The Street Division serves in a support role for special events such as the Taste of Glen Ellyn, Fourth of July Parade, Jazz in Glen Ellyn, and the Holiday Walk. The Street Division focuses attention on the Central Business District (CBD) through twice a week street sweepings and sidewalk cleaning, executing the seasonal banner program, and removing snow during the winter, installation and maintenance of benches, trash cans and signs, and the maintenance of 950 Village owned street lights. A computerized sign inventory program is continually updated to meet federally mandated retro-reflectivity requirements.

The Forestry Division activities include the maintenance of more than 13,933 trees on parkways and on Village-owned green space. The Comprehensive Forestry Management Program includes: annual winter pruning, tree removal and stump grinding, spring and fall tree planting, annual cable inspection, landscape maintenance, service request inquiry, organization of the annual Arbor Day Celebration, flower design planting and maintenance in the CBD, Parkway Reforestation Programs, disease and insect monitoring, educational tree seminars and oversight of the Tree Preservation Ordinance on right of way with regards to construction projects. The Forestry Division advises residents who seek assistance on private property tree issues.

Our four certified arborists on staff are very knowledgeable at inspecting Village trees for insect and disease concerns. These include inspecting for the most threatening disease and insects: Dutch Elm and Oak Wilt disease, gypsy moth and Emerald Ash Borer (EAB) insects. Our in house administered Emerald Ash Borer (EAB) treatment program uses Tre-Age to treat a representative population of ash trees in the Village for future generations. A computerized tree inventory program is continually updated with each tree planted and removed as well as any significant maintenance performed to each village tree.

Operations - Street Division– General Fund Accomplishments for CY 16

1. The Street Division continued to focus on a program to bring all traffic signs into compliance with the current State of Illinois traffic sign code. Work included installing

new signposts and sign faces on Village of Glen Ellyn streets that were paved during the during the recent construction season.

2. Public Works once again, successfully handled snow and ice removal during the past 2015 - 2016 season. There were 20 snow events with a total of approximately 29 inches of snow. Snow plowing areas were rearranged to accommodate temporary staffing shortage. 1,725 tons of salt was used.
3. Continued implementation of the Cartegraph SignView software. This software tracks sign assets and establishes a plan to ensure all signs meet MUTCD standards as well as federal retro-reflectivity guidelines.
4. The Street and Forestry Divisions assisted in 38 special events throughout the Village. Water filled barriers were utilized during 8 of the special events. These barriers provide significant additional safety to the public during road closures due to events. Thirty aluminum pedestrian barriers were purchased in 2016 to increase public safety and to better assist pedestrian flow. These barriers were utilized during 5 events this season.
5. The wire event trash cans were replaced with industrial heavy plastic cans with lids and wheels to aid in event trash collection.
6. Glen Ellyn hosted the Intelligentsia Cup Bike Race for the first time this year. Staff successfully hosted this event in addition to Jazz in Glen Ellyn at the same time providing two all day support staff during both events as well as pre event set up and take down of barricades, barriers and additional parking regulation postings.
7. The Street Division completed a yearly in-house pavement assessment with Engineering. This clearly defined and prioritized efforts in addressing and maintaining roadways. Roads were categorized as one of the following: outside contractor for skip paving, in-house paving, or in-house patching. This assessment focused Operations on the areas within our capabilities needing the most attention.
8. Filled maintenance worker vacancy bringing the division to full strength.
9. Central Business District improvements:
 - a. Staff changed out banners for each of the four seasons of the year.
 - b. Street Division took over the maintenance of the five locations where the "Big Belly" compacting recycling and refuse containers are located in the CBD.
 - c. 60 new flag poles and American flags were purchased and used while the American Flags flew during the summer holidays.
 - d. Street staff installed a number of LED streetlight prototypes in the CBD for viewing by the Village board.

Operation Street Division – General Fund Goals for CY 17

1. Continue to assist Engineering Division with the LED Initiative designed to convert metered street lights in the Village from high pressure sodium/mercury vapor lighting to LED. One of these projects is the conversion of 295 street lights in the Central Business District from high pressure sodium to LED lighting which will be done in phases.
2. Upgrade the components of two electrical control boxes for the CBD street light system. The two in need of this work are located at Main and Crescent and Pennsylvania west of Glenwood.
3. Continue to implement Cartegraph by tracking all Village owned street light location data as well as locations of all Village owned retaining walls and fences.
4. Continue the yearly CBD sidewalk pressure washing program that will maintain CBD sidewalks on an established rotational basis and contract the third phase of the program.
5. Perform efficient and effective snow removal on all Village-maintained roadways while reducing salt usage has been and will continue to be our goal. Plans for additional training of personal on specialized equipment (the CBD snow blower and the Wing Plow) to cover in the event of an emergency will resume.
6. Provide timely and reliable support to the Police and Fire Departments as needed throughout the year for both emergency and special events. Work cooperatively with all Departments in the Village as well as all other government agencies and business groups working in the Village.
7. Change out banners in the CBD (4 seasons) in a timely and cost effective manner.
8. Continue to evaluate and make maintenance repairs to the streets as required. The budget provides funding for asphalt and emulsion used as a primer before asphalt placement. The asphalt will be used for minor repairs and pothole patching throughout the year; permanent repairs are hot mix asphalt and temporary repairs are cold mix. The Village's more comprehensive street patching program will be contracted out and funded in the Capital Projects Fund.

Operations - Forestry Division – General Fund Accomplishments for CY 16

1. In the past 12 months approximately 370 trees were removed by the contractor. Forestry's landscape maintenance contractor was utilized to excavate the stump debris and complete restoration of the parkway with soil and seed for 320 locations as a cost saving measure compared to the restoration cost of the stump removal contractor. The Forestry Division completed another 26 restorations of the parkway without contractor assistance as a further cost savings to the Village.

2. The Forestry Division (without contractor assistance) completed of 69 tree related work orders and 219 tree removals (including 35 Ash removals). A new removal contractor for forestry started the first year of a three year contract in April 2015. Removals by the contractor equaled 90 (including 51 Ash removals).
3. Certified Arborists responded to 464 Forestry Service requests. (1/1/16 to 9/8/16)
4. The Village received the Tree City USA award for the 32 year in a row. For Glen Ellyn's Arbor Day celebration, a tree was planted at 30 S. Lambert in honor of Bob Minix, Professional Engineer for 25 years of dedicated service to Public Works.
5. Planted 325 trees through the Reforestation Program using the Suburban Tree Consortium contractor. Of the 325 trees planted, 93 residents participated in the cost share program.
6. Forestry continued to work with DuPage County to improve the Illinois Prairie Path within the Village limits.
7. The current population of Ash trees in the Village is 547. This population contains Ash trees of various species, mostly White Ash and Green Ash. In 2016 Forestry staff inspected 258 Ash trees that were treated 2 years ago (289 Ash trees are treated in odd numbered years). Of those 258 trees, 134 were found to be in good condition and were treated with a Tree-Age injection. The remaining 124 were in poor condition and were either marked for removal or placed on the "No Treat" list to be removed at a later date. The "No Treat" list currently sits at roughly 100 trees. Village staff monitors these trees closely and removes them as needed. This year (2016) all treatments were completed by village staff using Tree-Age. Tree-Age is by far the best treatment option on the market. Treatments are administered by injection. Holes are drilled into the tree and a self-sealing plug is set in the tree, through which the injection occurs. The number of holes is based on the DBH of the tree and the amount of chemical needed to treat the tree. Treatments using Tree-Age provide two years of protection against EAB. Trees treated in 2016 will not be inspected/treated again until 2018.

Pre EAB Ash population	1,955
Ash tree removals since EAB	1,408
Current Ash tree population	547
Trees currently treated with Tre-Age	423
Treated in odd years	289
Treated in even years	134
Ash trees on the "no Treat or remove" list	124

8. The Forestry Management Plan was updated.
9. The Forestry Division continued to work with residents to ensure all potentially hazards to right of way from private property Ash trees as well as other dead and dying species are removed in a timely manner.
10. The west portion of Manor Woods was cleared of all invasive species and dead trees by a contractor. All stumps were ground by in house staff and a tractor with Fecon mulching attachment was used to grind out remaining invasive roots and grade the area. A mix of perineal native grasses was planted. Late in the summer the west side was mowed to a length of one and a half feet and sprayed for weed control. The East side was spot mowed and sprayed in selective areas for weed control. A controlled burn is planned for the property
11. The Sign bed at Main and Crescent received a much needed facelift with the removal of all depleted plant material, replacing them with perennials designed by our in house horticulturist. The new plantings will provide continual color interest with low maintenance throughout the season.
12. Once again the Central Business District sidewalk floral displays generated a multitude of compliments. The sidewalk planters, planting beds and hanging baskets contained a diverse assortment of eye catching color and texture that was ever changing throughout the year. The total number of plants installed throughout the year is 10,152 not counting plants that are pre grown in the 28 hanging baskets. All the beds and planters are designed by our staff horticulturist and takes between 4-5 weeks to complete. The Forestry Division plants and maintains three seasons of annuals as well as winter interest comprised of the following:

Season	Total Plants	# of Planting Beds	#of Pots	# of Hanging Baskets
Spring	2,800	10	62	0
Summer	6,520	33	98	28
Fall	832	10	77	0
Winter	0	4	10	0

Operations Forestry Division – General Fund Goals for CY 17

1. Continue to monitor and remove infested Ash trees based on the guidelines identified in the EAB Management Program. Our goal is to maintain a healthy population of Ash trees in the village by using treatments to combat EAB infestation. Forestry staff plans to treat all Ash trees, that are worthy of treatment, in house using Tree-Age. Utilizing in house staff to perform treatments will save the Village an estimated \$20,000

every year in contractor expenses. The only expense for treatment will be purchasing the chemical. Because treatments are viable for two years, Forestry staff will be inspecting trees that were treated in 2015—roughly 289. Upon arriving to treat the tree, the applicator will inspect the tree and determine if the tree warrants treatment or not. If the tree is in poor condition it will either be marked for removal or placed on the “No Treat” list to be removed at a later date. Trees treated in 2017 will not be inspected/treated again until 2019.

2. Continue to plant trees in the right-of-way through the Parkway Reforestation Program. Approximately 450 trees will be planted during the spring and fall planting seasons. 90 of these trees will be planted thru the Resident Cost- Share program (residents donate \$100 per tree) All trees will be planted by a contractor.
3. Remove all stumps of removed trees in right of way and restore parkways with seed and soil. There are hundreds of stump sights due to the additional EAB removals.
4. Improve landscaping at Public Works Reno building as well as the Civic Center.
5. Continue the Manor Woods Native Plant and Tree Restoration Project, implementing a control burn (Fall 2016/ Spring 2017 weather depending) and following up with the planting of native trees and the introduction of flowering native plants.
6. Replace the 28 hanging basket containers in the CBD due to declining condition and add another 8 baskets expanding the current display areas in the downtown. This will be the first phase of 8 additional hanging baskets to be added over the next three years.

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: STREETS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015	2016	2016	2016	2017	2017
			ACTUAL	ORIG BUDGET	REV BUDGET	PROJECTION	BUDGET	% CHG 2016 ORG BUD
143300 STREETS								
143300	510100	SALARIES - PENSIONABLE	\$ 271,378	\$ 286,475	\$ 286,475	\$ 257,000	\$ 291,850	1.9%
143300	510120	SALARIES - NON PENSIONABLE	18,900	22,650	22,650	20,000	23,300	2.9%
143300	510200	OVERTIME	14,030	14,600	14,600	14,600	14,600	0.0%
143300	510210	SNOW	67,461	60,000	60,000	41,000	60,000	0.0%
143300	510300	TEMPORARY HELP	21,422	18,790	18,790	7,000	21,200	12.8%
143300	510310	TEMPORARY HELP - SNOW	25,662	24,500	24,500	18,000	24,500	0.0%
143300	510400	FICA TAXES	31,349	33,000	33,000	32,000	33,300	0.9%
143300	510500	IMRF EMPLOYER CONTRIBUTIONS	37,399	32,500	32,500	32,000	37,000	13.8%
143300	520600	DUES-SUBSCRIPTIONS-REG FEES	61	100	100	120	100	0.0%
143300	520620	EMPLOYEE EDUCATION	203	2,000	2,000	1,000	2,000	0.0%
143300	520625	TRAVEL	6	150	150	-	150	0.0%
143300	520915	ESDA EXPENSE	7,244	8,925	8,925	7,000	7,425	-16.8%
143300	520970	MAINTENANCE-BUILDING & GROUNDS	9,961	23,400	23,400	23,400	23,400	0.0%
143300	520975	MAINTENANCE-EQUIPMENT	2,887	7,450	7,450	7,500	7,890	5.9%
143300	520995	MAINTENANCE-SIGNS	30,765	24,000	24,000	26,000	25,000	4.2%
143300	521035	MAINTENANCE-STREET PAINTING	69,196	52,000	96,432	96,432	52,000	0.0%
143300	521040	MAINTENANCE-TRAFFIC SIGNALS	25,770	35,500	35,500	25,000	27,000	-23.9%
143300	521045	MAINTENANCE-STREET LIGHTS	36,980	45,000	45,000	40,000	45,000	0.0%
143300	521055	PROFESSIONAL SERVICES - OTHER	4,005	9,100	9,100	9,100	28,475	212.9%
143300	521057	CBD APPEARANCE	1,431	8,800	8,800	8,800	10,500	19.3%
143300	521060	SNOW REMOVAL SERVICES	27,504	20,000	37,485	12,000	20,000	0.0%
143300	521115	LANDFILL FEES	13,334	25,000	25,000	15,000	15,000	-40.0%
143300	521125	LEASED EQUIPMENT	876	1,500	1,500	1,500	12,000	700.0%
143300	521195	TELECOMMUNICATIONS	2,408	1,980	1,980	1,980	1,980	0.0%
143300	530100	OFFICE SUPPLIES	1,424	1,000	1,000	1,000	1,000	0.0%
143300	530105	OPERATING SUPPLIES	6,518	6,000	6,000	6,000	6,000	0.0%
143300	530210	OPERATING SUPPLIES, ASPHALT	24,683	19,500	19,500	19,500	19,500	0.0%
143300	530225	SAFETY SUPPLIES	4,272	6,750	6,750	9,000	5,600	-17.0%
143300	530445	UNIFORMS	2,225	2,475	2,475	2,475	2,475	0.0%
143300	580110	EQUIPMENT/CAPITAL OUTLAY	12,557	10,100	10,100	10,100	53,300	427.7%
143300	590600	TRANSFER TO INSURANCE - HEALTH	42,106	39,100	39,100	40,000	57,100	46.0%
143300	590610	TRANSFER TO INSURANCE - GEN	48,300	52,400	52,400	52,400	61,100	16.6%
143300	590650	TRANSFER TO EQUIP FUND - O&M	231,400	198,300	198,300	198,300	190,600	-3.9%
143300	590655	TRANSFER TO EQUIP FUND - REPL	240,100	174,900	174,900	174,900	164,300	-6.1%
TOTAL		STREETS	\$ 1,333,816	\$ 1,267,945	\$ 1,329,862	\$ 1,210,107	\$ 1,344,645	6.0%

**FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: STREETS**

VILLAGE OF GLEN ELLYN
2017 BUDGET

2017 BUDGET

143300 STREETS	
143300 510100 - SALARIES - PENSIONABLE	291,850
(1) MAINTENANCE WORKER III	72,000
STREET/FORESTRY SUPERINTENDENT (50%)	48,500
CREW LEADER I	75,300
(1) MAINTENANCE WORKER I	43,500
(1) MAINTENANCE WORKER II	52,550
143300 510120 - SALARIES - NON PENSIONABLE	23,300
MAINTENANCE WORKER	23,300
143300 510200 - OVERTIME	14,600
STREET DIVISION CALL OUT, CALL OUT COMP FOR 1 CREW LEADER PLUS 50% SUPERINTENDENT	14,600
143300 510210 - SNOW	60,000
OVERTIME COVERS ALL PUBLIC WORKS STAFF THAT WORK SNOW	60,000
143300 510300 - TEMPORARY HELP	21,200
2 SUMMER SEASONALS FOR 12 WEEKS	9,600
@ \$10.00 PER HR (HOURLY WAGE INCREASE)	
1 EXTENDED SEASONAL FOR 24 WEEKS @\$10. 00 PER HR PLUS \$2000 FOR WORKING FULL 24 WEEKS	11,600
143300 510310 - TEMPORARY HELP - SNOW	24,500
SEASONAL SNOW LABOR	24,500
143300 510400 - FICA TAXES	33,300
EMPLOYER FICA TAXES	33,300
143300 510500 - IMRF EMPLOYER CONTRIBUTIONS	37,000
EMPLOYER IMRF CONTRIBUTIONS @ 10.34%	37,000
143300 520600 - DUES-SUBSCRIPTIONS-REG FEES	100
4.5 STREET EMPLOYEES / CDL REIMBURSEMENT	100

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: STREETS

	2017 BUDGET
143300 520620 - EMPLOYEE EDUCATION	2,000
4.5 STREET EMPLOYEES FOR REGIONAL APWA	200
SHOW- AMERICAN PUBLIC WORKS ASSOCIATION	
TRADE SHOW	
MISCELLANEOUS EDUCATION 4.5 STREET	1,000
EMPLOYEES AND 50% STREET/FORESTRY	
SUPERINTENDENT	
MISC ELECTRICAL SEMINARS - 4 STREET	800
EMPLOYEES	
143300 520625 - TRAVEL	150
4.5 STREET EMPLOYEES MISCELLANEOUS	150
TRAVEL EXPENSES	
143300 520915 - ESDA EXPENSE	7,425
ESDA CONTRACT	1,925
MAINTENANCE EXPENSES	5,500
143300 520970 - MAINTENANCE-BUILDING & GROUNDS	23,400
MISCELLANEOUS MASONRY WORK	4,000
RT 38 BRICK PAVER MAINTENANCE OF	15,000
POTENTIAL TRIP HAZARDS	
SIDEWALK SALT (40% OF TOTAL PURCHASE)	2,400
RHINO LINING OF BIKE RACKS IN THE CBD	2,000
143300 520975 - MAINTENANCE-EQUIPMENT	7,890
REPAIRS OF SMALL EQUIPMENT	1,500
ETS PRO SOFTWARE ANNUAL MAINTENANCE FOR	1,575
SIGN MAKING EQUIPMENT	
CARTEGRAPH OMS PLATFORM SOFTWARE (12.	4,815
5%)	
143300 520995 - MAINTENANCE-SIGNS	25,000
ALUMINUM SIGN BLANKS AND ALUMINUM	8,500
HYDROSTRIPPING	
SIGN FABRICATION MATERIALS	9,500
SIGN POSTS AND HARDWARE	7,000
143300 521035 - MAINTENANCE-STREET PAINTING	52,000
PAINT, BEADS, THINNER FOR IN-HOUSE	2,000
APPLICATIONS	
CONTRACT - LINE STRIPING - ASPHALT AND	50,000
CONCRETE	
143300 521040 - MAINTENANCE-TRAFFIC SIGNALS	27,000
IDOT SIGNAL INVOICES	14,000
OPTICOM MAINTENANCE	8,500
OPTICOM MAINTENANCE INSPECTION CONTRACT	4,500

**FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: STREETS**

VILLAGE OF GLEN ELLYN
2017 BUDGET

	2017 BUDGET
143300 521045 - MAINTENANCE-STREET LIGHTS	45,000
REPLACEMENT PARTS	15,000
ELECTRICAL CONTRACTOR	15,000
SPARE FIXTURES FOR INVENTORY	5,000
SPARE LIGHT POLE FOR INVENTORY	10,000
143300 521055 - PROFESSIONAL SERVICES - OTHER	28,475
WEATHER FORECASTING	1,600
CBD ELECTRICAL NEEDS	5,000
CARTEGRAPH TRAINING/IMPLEMENTATION (12.5%)	1,875
NEW - REBUILD OF 2 ELECTRICAL CONTROL BOXES AT MAIN/CRESCENT & PENN./GLENWOOD	20,000
143300 521057 - CBD APPEARANCE	10,500
AMERICAN AND FRENCH FLAGS	2,500
FLAG POLES	2,000
MISCELLANEOUS SUPPLIES	1,000
PRESSURE WASH SIDEWALKS IN CBD	5,000
143300 521060 - SNOW REMOVAL SERVICES	20,000
SNOW HAULING CONTRACT	20,000
143300 521115 - LANDFILL FEES	15,000
DISPOSAL OF STREET SWEEPINGS AND ASPHALT	15,000
143300 521125 - LEASED EQUIPMENT	12,000
BARRICADE RENTAL FOR SPECIAL EVENTS	2,000
NEW - RENTING HEAVY CONSTRUCTION EQUIPMENT FOR ROAD BUILDING	10,000
143300 521195 - TELECOMMUNICATIONS	1,980
PHONE SERVICES FOR 4 FT STREET EMPLOYEES AND 50% S/F SUPERINTENDENT	1,800
ACCESSORIES (10% OF PHONE SERVICES)	180
143300 530100 - OFFICE SUPPLIES	1,000
OFFICE SUPPLIES	1,000
143300 530105 - OPERATING SUPPLIES	6,000
TOOLS AND MISCELLANEOUS SUPPLIES	6,000
143300 530210 - OPERATING SUPPLIES, ASPHALT	19,500
ASPHALT	17,000
EMULSION	2,500

**FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: STREETS**

	2017 BUDGET
143300 530225 - SAFETY SUPPLIES	5,600
BARRICADES: 25 W/LIGHTS/BATTERIES	3,000
50 WITHOUT LIGHTS	
TRAFFIC CONES	500
SAFETY HATS, GLASSES, GLOVES, ETC	750
REPLACEMENT SAFETY HARNESS FOR	250
ELECTRICAL TRUCK	
\$200 SAFETY BOOT STIPEND FOR 5 STREET	1,100
EMPLOYEES AND 50% SUPERINTENDENT	
143300 530445 - UNIFORMS	2,475
\$450 PER EMPLOYEE - 5 STREET EMPLOYEES	2,475
AND 50% OF S/F SUPERINTENDENT	
143300 580110 - EQUIPMENT/CAPITAL OUTLAY	53,300
NEW - 7 VILLAGE ENTRY SIGNS	21,000
SIGN MATERIAL CUTTER (REPLACEMENT)	8,700
SIGN MATERIAL ROLLER (REPLACEMENT)	8,000
GAS POWERED POST POUNDER	2,800
SMALL EQUIPMENT (2 RECIPROCATING SAWS	1,800
CIRCULAR SAW, CORDLESS DRILL)	
CBD XMAS TREE REPLACEMENT	11,000
143300 590600 - TRANSFER TO INSURANCE - HEALTH	57,100
HEALTH INSURANCE CONTRIBUTION	57,100
143300 590610 - TRANSFER TO INSURANCE - GEN	61,100
GENERAL INSURANCE TRANSFER	61,100
143300 590650 - TRANSFER TO EQUIP FUND - O&M	190,600
TRANSFER TO EQUIP SERVICES FOR O&M	190,600
143300 590655 - TRANSFER TO EQUIP FUND - REPL	164,300
TRANSFER TO EQUIPMENT SERVICES FOR	164,300
VEHICLE REPLACEMENT	
TOTAL PUBLIC WORKS - STREETS	1,344,645

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: FORESTRY

ORG	OBJECT	ACCOUNT DESCRIPTION	2015	2016	2016	2016	2017	2017
			ACTUAL	ORIG BUDGET	REV BUDGET	PROJECTION	BUDGET	% CHG 2016 ORG BUD
143400 FORESTRY								
143400	510100	SALARIES - PENSIONABLE	\$ 243,401	\$ 255,675	\$ 255,675	\$ 249,200	\$ 264,300	3.4%
143400	510200	OVERTIME	6,573	14,600	14,600	9,000	14,600	0.0%
143400	510300	TEMPORARY HELP	22,418	23,840	23,840	15,000	26,000	9.1%
143400	510400	FICA TAXES	20,055	22,500	22,500	22,400	23,300	3.6%
143400	510500	IMRF EMPLOYER CONTRIBUTIONS	25,911	29,200	29,200	27,000	28,800	-1.4%
143400	520600	DUES-SUBSCRIPTIONS-REG FEES	1,486	1,775	1,775	1,700	1,775	0.0%
143400	520620	EMPLOYEE EDUCATION	3,642	4,600	4,600	4,600	4,600	0.0%
143400	520625	TRAVEL	545	500	500	500	500	0.0%
143400	520635	SAFETY TRAINING	149	1,500	1,500	1,500	1,500	0.0%
143400	520970	MAINTENANCE-BUILDING & GROUNDS	30,255	60,150	60,150	55,000	58,307	-3.1%
143400	520975	MAINTENANCE-EQUIPMENT	2,967	5,875	5,875	5,900	6,315	7.5%
143400	521055	PROFESSIONAL SERVICES - OTHER	10,999	23,600	23,600	17,600	20,975	-11.1%
143400	521057	CBD APPEARANCE	31,772	45,500	45,500	45,500	43,000	-5.5%
143400	521090	TREE TRIMMING	48,644	106,000	212,023	109,000	70,000	-34.0%
143400	521095	TREE REMOVAL	85,621	126,000	126,000	85,000	81,000	-35.7%
143400	521100	TREE REPLACEMENT	52,324	93,000	98,364	92,418	132,500	42.5%
143400	521103	EMERALD ASH BORER PROGRAM	51,812	11,500	60,979	60,979	6,000	-47.8%
143400	521125	LEASED EQUIPMENT	-	2,500	2,500	2,500	2,500	0.0%
143400	521195	TELECOMMUNICATIONS	2,866	1,980	1,980	1,980	1,980	0.0%
143400	530100	OFFICE SUPPLIES	1,089	1,000	1,000	1,000	1,000	0.0%
143400	530105	OPERATING SUPPLIES	5,659	6,200	6,200	6,000	6,200	0.0%
143400	530225	SAFETY SUPPLIES	1,813	1,750	1,750	1,900	2,900	65.7%
143400	530445	UNIFORMS	1,968	2,025	2,025	2,261	2,025	0.0%
143400	580110	EQUIPMENT/CAPITAL OUTLAY	3,056	4,450	4,450	4,450	8,500	91.0%
143400	590600	TRANSFER TO INSURANCE - HEALTH	38,736	42,200	42,200	40,900	44,800	6.2%
143400	590610	TRANSFER TO INSURANCE - GEN	37,900	37,800	37,800	37,800	42,100	11.4%
143400	590650	TRANSFER TO EQUIP FUND - O&M	104,000	100,900	100,900	100,900	100,200	-0.7%
143400	590655	TRANSFER TO EQUIP FUND - REPL	107,900	110,000	110,000	110,000	98,500	-10.5%
TOTAL		FORESTRY	\$ 943,559	\$ 1,136,620	\$ 1,297,486	\$ 1,111,988	\$ 1,094,177	-3.7%

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: FORESTRY

2017 BUDGET

143400 FORESTRY	
143400 510100 - SALARIES - PENSIONABLE	264,300
STREET/FORESTRY SUPERINTENDENT (50%)	48,500
CREW LEADER I	60,200
(2) MAINTENANCE WORKER I	99,100
MAINTENANCE WORKER II	56,500
143400 510200 - OVERTIME	14,600
FORESTRY DIVISION CALL OUT COMP FOR 1 CREW LEADER PLUS 50% SUPERINTEND.	14,600
143400 510300 - TEMPORARY HELP	26,000
3 SUMMER SEASONALS FOR 12 WEEKS @ 10.00/HR	14,400
1 EXTENDED SEASONAL FOR 24 WEEKS @10.00/HR PLUS \$2000 FOR WORKING FULL 24 WEEKS	11,600
143400 510400 - FICA TAXES	23,300
EMPLOYER FICA TAXES	23,300
143400 510500 - IMRF EMPLOYER CONTRIBUTIONS	28,800
EMPLOYER IMRF CONTRIBUTIONS @ 10.34%	28,800
143400 520600 - DUES-SUBSCRIPTIONS-REG FEES	1,775
ILL. ARBORIST ASSOCIATION/ILL. SOCIETY OF ARBORICULTURE - 4 FORESTRY EMP. AND 50% S/F SUPERINTENDENT	1,100
SUBURBAN TREE CONSORTIUM	575
4 FORESTRY EMPLOYEES/CDL LICENSE REIMBURSE	100
143400 520620 - EMPLOYEE EDUCATION	4,600
ILLINOIS PUBLIC SERVICE INSTITUTE-1 CREW LEADER THIRD YEAR	1,200
4 FORESTRY EMPLOYEES AND SUPERINTENDENT	1,250
IAA CONFERENCE AND TRADE SHOW \$250 EACH MISC. SEMINARS / CLASSES FOR CONTINUING EDUCATION HOURS - 4 FORESTRY EMPLOYEES AND 1 SUPERINTENDENT	2,150

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: FORESTRY

	2017 BUDGET
143400 520625 - TRAVEL	500
4 FORESTRY EMPLOYEES AND 50% S/F SUPERINTEND.	500
143400 520635 - SAFETY TRAINING	1,500
FORESTRY TREE WORK TRAINING	1,500
143400 520970 - MAINTENANCE-BUILDING & GROUNDS	58,307
LANDSCAPE MAINTENANCE VILLAGE OWNED AREAS	37,307
IPP PLANTINGS	5,000
MISCELLANEOUS PLANT REPLACEMENT (CIVIC CENTER, TRAIN STATION, 5 CORNERS, ETC)	4,000
ECOLOGICAL RESTORATION OF VILLAGE MAINTAINED OPEN LAND FOR ENVIRONMENTAL IMPROVEMENT	12,000
143400 520975 - MAINTENANCE-EQUIPMENT	6,315
REPAIR OF SMALL EQUIPMENT	1,500
CARTEGRAPH OMS PLATFORM SOFTWARE (12.5%)	4,815
143400 521055 - PROFESSIONAL SERVICES - OTHER	20,975
WEATHER FORECASTING	1,600
TREE PRESERVATION CONSULTANT	5,000
CONTRACTUAL PLANTING	5,000
CARTEGRAPH TRAINING / IMPLEMENTATION (12.5%)	1,875
TREE INVENTORY - ZONE B	7,500
143400 521057 - CBD APPEARANCE	43,000
CBD FLOWERS	29,000
PLANTING POT REPLACEMENT (5 POTS)	3,000
HANGING BASKET AND/OR HARDWARE REPLACEMENT (28 BASKETS)	
FLORAL CLOCK DISPLAYS	4,000
MISCELLANEOUS	2,000
CBD BED UPGRADES	5,000
143400 521090 - TREE TRIMMING	70,000
CONTRACT PRUNING OF A PORTION OF ZONE A AND ZONE B	70,000

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: FORESTRY

	2017 BUDGET
143400 521095 - TREE REMOVAL	81,000
CONTRACT REMOVAL OF TREES 15" AND GREATER INCLUDING CONTRACT STUMP REMOVAL PER THE CONTRACT	46,000
PARKWAY RESTORATIONS FROM STUMP REMOVAL	35,000
143400 521100 - TREE REPLACEMENT	132,500
380 @\$350 PURCHASE (\$250 TREE COST AND \$100 CONTRACTOR PLANTING);RESIDENT CONTRIBUTION IS \$100 COST SHARE PROGRAM [9000]	132,500
143400 521103 - EMERALD ASH BORER PROGRAM	6,000
EAB CHEMICAL FOR IN HOUSE TREATMENTS	5,000
TREE INJECTION PLUGS AND MISC. SUPPLIES (IN HOUSE)	1,000
143400 521125 - LEASED EQUIPMENT	2,500
MISC. LEASED EQUIPMENT	2,500
143400 521195 - TELECOMMUNICATIONS	1,980
PHONE SERVICES - 4 FORESTRY EMPLOYEES AND 50% S/F SUPERINTENDENT	1,800
ACCESSORIES (10% OF PHONE SERVICE)	180
143400 530100 - OFFICE SUPPLIES	1,000
OFFICE SUPPLIES	1,000
143400 530105 - OPERATING SUPPLIES	6,200
TOP SOIL	1,000
TOOLS AND MISCELLANEOUS SUPPLIES	4,000
CLIMBING EQUIPMENT	1,200

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: FORESTRY

2017 BUDGET

143400 530225 - SAFETY SUPPLIES	2,900
TRAFFIC CONES	500
SAFETY HARD HATS, CHAINSAW CHAPS, GLASSES, GLOVES, ETC.	1,250
SAFETY FUEL CAN	250
\$200 SAFETY BOOTS STIPEND FOR 4 FORESTRY EMPLOYEES AND 50% FOR SUPERINTENDENT	900
143400 530445 - UNIFORMS	2,025
\$450 PER EMPLOYEE - 4 FORESTRY EMPLOYEES AND 50% OF S/F SUPERINTENDENT	2,025
143400 580110 - EQUIPMENT/CAPITAL OUTLAY	8,500
SAFETY STORAGE CABINET FOR PESTICIDES	8,500
143400 590600 - TRANSFER TO INSURANCE - HEALTH	44,800
HEALTH INSURANCE CONTRIBUTION	44,800
143400 590610 - TRANSFER TO INSURANCE - GEN	42,100
GENERAL INSURANCE TRANSFER	42,100
143400 590650 - TRANSFER TO EQUIP FUND - O&M	100,200
TRANSFER TO EQUIPMENT SERVICES FOR O&M	100,200
143400 590655 - TRANSFER TO EQUIP FUND - REPL	98,500
TRANSFER TO EQUIPMENT SERVICES FOR VEHICLE REPLACEMENT	98,500
TOTAL FORESTRY	1,094,177

FUND: PARKING FUND
DEPARTMENT: PUBLIC WORKS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
5300 PARKING REVENUE								
5300	440530	LEASED PARKING LOT FEES	\$ 278,002	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	0.0%
5300	440532	DUANE STREET PARKING LOT	85,155	70,000	70,000	85,000	85,000	21.4%
5300	440534	COIN COLLECTION -VILLAGE LOTS	19,374	18,000	18,000	17,000	18,000	0.0%
5300	440538	COIN COLLECTION -C.N.W. LOT	3,626	3,500	3,500	4,000	3,500	0.0%
5300	460100	INVESTMENT INCOME	1,694	2,000	2,000	3,500	3,500	75.0%
5300	489000	MISCELLANEOUS REVENUE	1,475	1,000	1,000	1,000	1,000	0.0%
5300	489010	LEASE AGREEMENT - ORD. 5808	300	300	300	300	300	0.0%
TOTAL	PARKING REVENUE		\$ 389,627	\$ 364,800	\$ 364,800	\$ 380,800	\$ 381,300	4.5%
53000 PARKING EXPENDITURES								
53000	520905	PRINTING	\$ -	\$ 500	\$ 500	\$ 500	\$ 400	-20.0%
53000	520970	MAINTENANCE-BUILDING & GROUNDS	16,810	60,000	60,000	40,000	47,500	-20.8%
53000	521050	MAINTENANCE-OTHER	-	-	-	-	5,160	0.0%
53000	521155	RENTAL-LEASE	18,522	23,500	23,500	23,800	23,500	0.0%
53000	521200	UTILITIES	3,829	3,500	3,500	3,500	3,500	0.0%
53000	530105	OPERATING SUPPLIES	3,693	4,500	4,500	3,000	3,800	-15.6%
53000	580100	CAPITAL IMPROVEMENTS	894	210,000	348,881	74,000	280,000	33.3%
53000	580110	EQUIPMENT/CAPITAL OUTLAY	-	-	-	-	24,000	0.0%
53000	590120	ACCOUNTING SERVICE CHARGE	11,000	11,000	11,000	11,000	13,000	18.2%
53000	590130	PW SERVICE CHARGE	104,900	105,400	105,400	105,400	105,300	-0.1%
53000	590132	STREET FORESTRY SERVICE CHARGE	40,800	42,700	42,700	42,700	24,350	-43.0%
53000	590610	TRANSFER TO INSURANCE - GEN	800	900	900	900	700	-22.7%
TOTAL	PARKING EXPENDITURES		\$ 201,248	\$ 462,000	\$ 600,881	\$ 304,800	\$ 531,210	1%
TOTAL	PARKING FUND		\$ 188,379	\$ (97,200)	\$ (236,081)	\$ 76,000	\$ (149,910)	54.2%

Available Cash Analysis

Available, January 1, 2016	\$ 1,373,083
Preliminary FY2016 inflow / (outflow)	\$ 76,000
Budgeted FY2017 inflow / (outflow)	\$ (149,910)
Projected Available, December 31, 2017	<u>\$ 1,299,173</u>

Cash Reserve Policy (30% operating exp.)	\$ 69,000
Amount Above Reserve Policy	<u>\$ 1,230,173</u>

FUND: PARKING FUND
DEPARTMENT: PUBLIC WORKS

2017 BUDGET

5300 PARKING REVENUE	
5300 440530 - LEASED PARKING LOT FEES	270,000
PERMIT PARKING REVENUE; INCREASE DUE TO DUANE/GLENWOOD LOT	270,000
5300 440532 - DUANE STREET PARKING LOT	85,000
DUANE LORRAINE DAILY LOT PARKING REVENUES	85,000
5300 440534 - COIN COLLECTION -VILLAGE LOTS	18,000
OTHER VILLAGE COIN LOT REVENUE (CRESCENT/PENNSYLVANIA/MAIN)	18,000
5300 440538 - COIN COLLECTION -C.N.W. LOT	3,500
TRAIN STATION COIN REVENUE	3,500
5300 460100 - INVESTMENT INCOME	3,500
5300 489000 - MISCELLANEOUS REVENUE	1,000
LATE FEES FOR PERMIT RENEWAL	1,000
5300 489010 - LEASE AGREEMENT - ORD. 5808	300
RENT PURSUANT TO ORDINANCE NO. 5808	300
TOTAL PARKING REVENUE	381,300

FUND: PARKING FUND
DEPARTMENT: PUBLIC WORKS

	2017 BUDGET
53000 PARKING EXPENDITURES	
53000 520905 - PRINTING	400
PARKING PERMIT ANNUAL RENEWAL	400
53000 520970 - MAINTENANCE-BUILDING & GROUNDS	47,500
IRRIGATION SYSTEM MAINTENANCE	1,500
SIGNAGE	1,000
MISCELLANEOUS	2,500
LANDSCAPE MAINTENANCE CONTRACT	12,500
LINE STRIPING (AS NEEDED)	10,000
CRACK SEALING (AS NEEDED)	5,000
PARKING LOT PLANTING BED UPGRADES (CRESCENT/GLENWOOD STEWART ETC)	5,000
MASONRY REPAIRS (TUCK POINTING, CAULKING ETC.) TO BRICK PLANTING BEDS AT LOT ENTRANCES	10,000
53000 521050 - MAINTENANCE-OTHER	5,160
DATA COLLECTION FEES FOR PAY BOXES	960
MONTHLY MAINTENANCE FEES FOR PAY BOXES	4,200
53000 521155 - RENTAL-LEASE	23,500
UP PARKING LOT LEASE/RENTAL	17,500
485 PENNSYLVANIA	6,000
53000 521200 - UTILITIES	3,500
WATER	2,000
COMED	750
MISCELLANEOUS	750
53000 530105 - OPERATING SUPPLIES	3,800
BATTERIES	600
MISCELLANEOUS PAINTING SUPPLIES	400
CASHIERS OFFICE DECALS	2,300
PRINTING	500

FUND: PARKING FUND
DEPARTMENT: PUBLIC WORKS

	2017 BUDGET
53000 580100 - CAPITAL IMPROVEMENTS	280,000
ASPHALT PATCHING AND RESURFACING	50,000
RESURFACE DUANE/LORRAINE LOT DEPENDENT ON OVERPASS/VIADUCT PLAN	130,000
WAYFINDING SIGNAGE	50,000
RENO CENTER PARKING IMPROVEMENTS	50,000
 53000 580110 - EQUIPMENT/CAPITAL OUTLAY	 24,000
ELECTRONIC PAY BOXES FOR DUANE LORRAINE	24,000
 53000 590120 - ACCOUNTING SERVICE CHARGE	 13,000
 53000 590130 - PW SERVICE CHARGE	 105,300
COST OF ONE FULL TIME WORKER PLUS BENEFITS TO REIMBURSE GENERAL FUND FOR PARKING LOT MAINTENANCE AND	105,300
 53000 590132 - STREET FORESTRY SERVICE CHARGE	 24,350
ALLOCATION OF STREET SWEEPING COSTS TO THE PARKING FUND TO COVER CLEANING OF LOT	24,350
 53000 590610 - TRANSFER TO INSURANCE - GEN	 700
GENERAL INSURANCE TRANSFER	700
 TOTAL PARKING EXPENDITURES	 531,210

OPERATIONS – WATER/SEWER

The Utilities Division is responsible for the operation and maintenance of the Village water distribution system, two pressure adjusting stations, two pumping stations, two underground storage reservoirs, two ground water wells and two elevated water towers. In addition, the division maintains the sanitary sewer collection systems, four sanitary sewer lift stations, and the storm water conveyance system. The storm sewer conveyance system and the sanitary sewer collection system are two separate standalone systems each requiring specialized independent maintenance. The Village has 8,138 residential water services and 418 commercial water services, for a total of 8,556 utility billing addresses, of which approximately 42 are for properties outside of the Village limits. Duties include: monitoring of distribution and storage of potable water and associated regulatory reporting requirements, repair of water mains, valves, hydrants, customer water service lines and valve boxes located in the public right-of-way, hydrant flow testing, water valve exercising, water meter installation, repair and testing, water quality testing, water and sewer utility structure repairs, sanitary sewer lift station maintenance, sanitary and storm sewer system cleaning and televising. Additional duties include responding to resident requests for service and assistance.

Water Production, Pumping, Storage, and Distribution System

- Two pressure adjusting stations located where Glen Ellyn receives Lake Michigan water from the DuPage Water Commission.
- Two 1,000,000 gallon ground storage reservoirs and two elevated storage tanks of 500,000 and 750,000 gallon capacity.
- Two stand-by ground water wells and two water pumping stations.
- 147.58 miles of water mains; approximately 1,400 fire hydrants; 1,600 water main line valves; and oversee 2,167 RPZ backflow valves.
- Supervisory Control and Data Acquisition (SCADA) monitoring and control system.

Sanitary Sewer System

- 85 miles of sanitary sewer mains.
- 4 sanitary sewer lift stations.
- Approximately 2,000 manholes.

Storm Sewer System

- 70 miles of storm sewer mains.
- 3,165 storm sewer inlets and catch basins.
- 1,200 storm sewer manholes.

Division Accomplishments for CY16

1. Completed the SCADA control and telemetry system upgrade project.
2. Current non-revenue water loss for the Village stood at 12.5%, just over the target goal of 12% set for the State. The new accounting method is different in the past where water loss did not take into consideration “accounted for losses”, such as fire protection, hydrant flushing, water main breaks, and unavoidable loss based on the length and age of the system but instead focuses only on the amount of water billed versus pumped. The goal by 2019 is to have less than 10% non-revenue water loss.

3. Installed new intrusion alarm system for water pumping stations.
4. New LED lighting was installed at the Newton and Wilson pumping stations.
5. Wilson Reservoir fill valve was rebuilt.
6. South Park lift station was upgraded to a true 3 phase power supply.
7. Interior of Newton Avenue Water Tower was inspected as part of contractual services provided by a contractor. The outside of the tower was also washed, spot repaired for rust and painted. This is consistent with recommended best management practices by the American Water Works Association and the IEPA. A mixing unit was also installed to help maintain water quality and lower the chance of freezing during winter months.
8. The Cottage Avenue Water Tower interior was cleaned and inspected as part of the contractual services provided by a contractor. The outside of the tower was cleaned to help remove dirt and debris, to improve the appearance and help prolong the life of the paint.
9. Drained, disinfected and performed an engineering evaluation of Newton Avenue reservoir.
10. Cleaned all nine Lake Ellyn/Riford road storm sewer Vortex Separators.
11. Drained and cleaned all four lift station wet wells and continued bacterial treatment for fats, oils and grease (F.O.G.) to help control buildup at the lift stations and in the pipes.
12. This year on the water distribution system we pulled routine bacteria samples at a rate of 30 per month, collected all required new construction bacteria samples and collected water main break samples as needed. On the two emergency back-up wells we performed monthly bacteria samples and quarterly tests for volatile organic compounds, synthetic organic compounds, inorganic chemicals, nitrates/nitrites and radionuclide.
13. Met all state and federal drinking water regulatory requirements and reporting. Acted as liaison between the Village and a contracted program administrator for the first Biennial Water Use Site survey in regards to reduced pressure zone valves (RPZs). Compliance stands at 81% with the required annual testing for RPZs.
14. An inspection program was established for water projects for lead services. This information is used to help create an inventory of potential lead services in the community and helps provide possible sample sites for the triennial lead/copper sampling program.
15. Painted the remaining 600 of the approximately 1400 total fire hydrants in the Village. This completes the painting of all fire hydrants connected to the Village water system.
16. Completed the annual flushing and inspection program of the approximately 1,400 hydrants. All dead end hydrants were flushed an additional time at the end of summer to help maintain water system quality.
17. A water leak survey of the water distribution system was performed in February and March of 2016 by a contractor. Eleven hydrant leaks were identified, 10 of which were repaired or replaced by Utility Division staff and the other was on a privately owned hydrant that required

replacement. Two other leaks were identified, one that turned out to be a leaking tap saddle that needed to be tightened and the other a leak on a lead service line that required replacement of the Village owned portion of the service.

18. The water meter test bench was rehabbed and training conducted for employees on proper meter testing techniques. Meter testing was started on the stockpile of residential meters, with an anticipation of going through the meters available to test by the middle of 2017. Initial testing had shown that the majority of meters are still reading accurately.
19. The ISO Inspection of the Water system was conducted during September. The inspection returns a score that when combined with the rating of the Volunteer Fire Department provides a rating that is used for calculating insurance costs of residents and businesses throughout the Village.
20. 25 water leaks (water main breaks, rotted tap saddles, service leaks) were repaired in-house, with another 3 repaired by a contractor due to depth or snow removal efforts. Another 6 leaks occurred on privately maintained parts of the system.
21. Half of the approximately 1,600 Water Distribution System main line valves were located and operated. Included in this program was collection of a GPS data point, as well as other asset information. This data will then be used to update the map and asset records, which will allow better decisions to be made for future capital improvement projects, preventative maintenance work and improved response times during emergencies.
22. A Village wide street survey was conducted by Engineering. As part of that, all stormwater assets in the roadways were marked with GPS. This data will then be used to update atlas and asset records for helping provide accurate records for maintenance and repair.
23. Televised over 35 miles of sanitary sewer and another 1+ mile of storm sewer main in-house and prioritized the maintenance and reconstruction needs of these mains. Areas identified for sewer lining were passed on to Engineering for including those sections in the lining project. Cleaned over 6 miles of sanitary and storm line identified by televising. Far exceeded the goal of 15 miles of sanitary sewer televised.
24. A correlator was purchased by the Utilities Division to determine where to dig for water main breaks and service leaks. In the past, a contractor was hired to perform this task, with an average cost of \$600 per occurrence. The unit was used 19 times from February through August, saving contractor costs of an estimated \$11,400. With a purchase price of just under \$25,000, the unit will pay for itself in about 2 years. Added benefits are quicker restoration of water service by not needing to wait on a contractor to come in for an emergency, as well as smaller excavations that require lower restoration costs from more accurate location of leaks.
25. The piping for West Pressure Adjusting Station blow off valve was modified, allowing water to be put into the Wilson Avenue reservoir, instead of going to waste. This will reduce the unbilled water amount, as well as eliminate flooding and icing issues experienced on Wilson Avenue where the water currently is piped to.
26. Replacement of portions of the driveway at the North Pressure Adjusting Station (N PAS) due to deterioration.

27. A chemical root control pilot study was conducted for assessing the ability of this tool to combat root intrusion in sanitary mains that can lead to backups in the Village owned mains. Results of this product are promising in the short-term, with further observation needed to see what the long-term results are.
28. Completed 3,116 tasks and responded to 246 requests.
29. Cleaned 300 catch basins.
30. Responded to 56 sanitary sewer back up calls on residential lines and cleared 5 back-ups on Village owned sanitary mains.
31. Marked sanitary sewer, storm sewer and water main locates for 6,577 JULIE requests.
32. 36 hydrants were repaired or replaced, 8 water distribution main line valves repaired or replaced, 3 lead water service lines replaced, 28 B-box repairs, 15 storm sewer structures rebuilt, 35 storm sewer structure repairs, 2 culverts replaced, 120 ROW and Building/Zoning Permits completed and 1,133 tons of spoil hauled out.
33. Abandonment of water main at the NW corner of S. Park and Pershing, as well as removal of the hydrant on the east side of S. Park at this intersection. This water main needed to be abandoned to allow for the construction of the new Police Station building being constructed.
34. Two vacant positions that were budgeted for in 2016 were filled, bring the Utility Division up to the full complement of workers. Being fully staffed allows the division to perform routine maintenance required to upkeep the system as well as respond to emergencies in-house, with less reliance on outside contractors.
35. Training includes classes in water production plant operations, water distribution products, trenching and shoring, confined space entry, flagger training and NIMS/FEMA, Disaster Management for Water and Sewer Operations, and Water Operator Certification.

Division Goals for CY17

1. Reduce the amount of non-revenue water (see below) in the LMO report. This will reduce overall water costs to the Village. Ways in which the division will work towards this goal is by: continuing to test residential meters in-house and a contractor for large diameter meters to ensure meter accuracy; continuing to repair water leaks quickly, helped by having a full complement of workers and equipment such as the leak correlator; investigation of accounted for but current non-revenue water use that could be billed for; leak detection in the Village to potentially identify leaks that are not surfacing; and other best practices for water loss conservation recommended by the American Water Works Association (AWWA).
2. Drain, clean and inspect the Wilson Avenue underground one million gallon distribution system reservoir.
3. Conduct an engineering study of the water distribution chlorination system.
4. Replace the starters and electrical panels at the Newton Pumping Station for the booster and well

pumps. These are original components that are far past their life expectancy and parts are difficult to find or unavailable. An added benefit would be a soft start option that would allow the motor to slowly come up to speed, reducing stress on the water system and potentially reducing water main breaks.

5. Renovation of the South Park Lift Station. This will include new pumps, motors, valves and electrical components, extending the life of the existing station by a decade. This will delay the eventually necessary costs of a new lift station for this area.
6. Replace the roof of the North Pressure Adjusting Station (N PAS). Replace the windows of the Newton Pumping Station.
7. Update Newton valve vault by installing dehumidifier, heater, LED lighting and fresh air circulation system. Rebuild the Newton Reservoir fill valve.
8. Run new wiring and conduit to allow generator run status to be tied to the SCADA system for the Newton Pump Station generator.
9. Exercise the remaining half of the total 1,576 water distribution valves including the GPS location and collection of other data to update asset information in the GIS and Cartegraph OMS (asset management program).
10. Institute a program that will flow test fire hydrants on all parts of the system on a 5 year rotating basis to meet ISO requirements.
11. Clean and inspect 1/7th of all catch basins to keep us on track with the amount required to meet our NPDES permitting.
12. "In House" televising and cleaning of sanitary sewers will continue this year to reduce contractor expenses for sewer inspections. Our goal is to televise all sanitary sewer overflows for timely reports to the IEPA. The division plans to televise 25 miles of sanitary sewer and 5 mile of storm sewer. This televising will then help determine what jetting or root cutting is needed, helping reduce the amount of water and hours required to keep the Village's sewers clear and flowing.
13. Clean the 9 storm sewer vortex separators in the Lake Ellyn / Riford Road storm sewer basin.
14. Continue training new employees, as well as advancing the skills and knowledge of current employees to help with employee development.
15. Continue training to meet FEMA / NIMS requirements, and to train with DuPage Department of Homeland Security as scheduled.
16. Continue to monitor problematic sump pump discharge issues within Village Right of Way and help address these problem areas in the Village.
17. Continue updating the Water, Sanitary Sewer and Storm Sewer maps. This process will involve using the data collector application from MGP, as well as requests for edits when discrepancies are discovered between field assets and what is shown on the maps.
18. Adapt the b-box inspection program started during 2016, utilizing tablets and GIS, to confirm

location measurements and accessibility. Problems with tracking and assessing the work completed were encountered and some fine tuning of the process is needed. This will be a multi-year task, expecting to take 5-7 years to complete.

19. New driveway at Newton water tower and building of a garage for creating better storage for the necessary inventory to maintain the water and sewer systems.
20. Replacement of existing and future problem water meters that are difficult to read with new radio read water meters.
21. Investigation of advanced metering through pilot programs to assess what options are available for water metering and what product might best fit the needs of the Village.

FUND: WATER & SEWER FUND
DEPARTMENT: PUBLIC WORKS

FUND SUMMARY	2015	2016	2016	2016	2017	2017
	ACTUAL	ORIG BUDGET	REV BUDGET	PROJECTION	BUDGET	% CHG 2016 ORG BUD
TAXES	\$ 96,901	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	0.0%
CHARGES FOR SERVICES	14,010,679	14,464,150	14,464,150	14,035,800	14,788,900	2.2%
INVESTMENT INCOME	13,872	13,000	13,000	30,000	30,000	130.8%
MISC REVENUE	47,561	23,000	23,000	24,000	23,600	2.6%
TOTAL REVENUES	\$ 14,169,013	\$ 14,597,150	\$ 14,597,150	\$ 14,186,800	\$ 14,939,500	2.3%
PERSONNEL SERVICES	\$ 1,111,124	\$ 1,239,800	\$ 1,239,800	\$ 1,162,800	\$ 1,240,400	0.0%
CONTRACTUAL SERVICES	4,213,894	4,687,193	4,762,937	4,302,952	4,631,680	-1.2%
COMMODITIES	4,098,018	4,634,150	4,634,150	4,205,600	4,261,850	-8.0%
DEBT SERVICE	107,945	108,000	108,000	108,000	108,000	0.0%
CAPITAL IMPROVEMENTS	2,289,167	4,844,200	6,242,408	2,786,400	5,881,500	21.4%
TRANSFERS OUT (IFTS)	864,554	984,100	984,100	965,400	1,053,300	7.0%
TOTAL EXPENSES	\$ 12,684,702	\$ 16,497,443	\$ 17,971,395	\$ 13,531,152	\$ 17,176,730	4.1%
CHANGE IN NET POSITION	\$ 1,484,311	\$ (1,900,293)	\$ (3,374,245)	\$ 655,648	\$ (2,237,230)	
<u>Available Cash Analysis</u>						
Available, January 1, 2016	\$ 9,513,617					
Preliminary FY2016 inflow / (outflow)	\$ 655,648					
Budgeted FY2017 inflow / (outflow)	\$ (2,237,230)					
Projected Available, December 31, 2017	<u>\$ 7,932,035</u>					
Cash Reserve Policy	\$ 2,214,000					
Amount Above Reserve Policy	\$ 5,718,035					

FUND: WATER & SEWER FUND
DEPARTMENT: PUBLIC WORKS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
5010 WATER REVENUE								
5010	440510	METERED WATER REVENUE	\$ 7,446,403	\$ 7,448,000	\$ 7,448,000	\$ 7,500,000	\$ 7,700,000	3.4%
5010	440512	SALE OF NEW METERS	56,147	50,000	50,000	35,000	35,000	-30.0%
5010	440515	WATER MAIN CONSTR REIMB	(313)	-	-	-	-	0.0%
5010	440527	UTILITY INSPECTIONS	17,525	19,000	19,000	13,000	17,500	-7.9%
5010	449000	WATER CONNECTION FEES	92,333	89,000	89,000	33,000	70,000	-21.3%
5010	460100	INVESTMENT INCOME	6,936	9,000	9,000	15,000	15,000	66.7%
5010	489000	MISCELLANEOUS REVENUE	44,017	20,000	20,000	23,000	20,600	3.0%
5010	489100	MISCELLANEOUS - OVER/SHORT	(83)	-	-	-	-	0.0%
TOTAL	WATER REVENUE		\$ 7,662,966	\$ 7,635,000	\$ 7,635,000	\$ 7,619,000	\$ 7,858,100	2.9%
5020 SEWER REVENUE								
5020	410112	PROPERTY TAX SSA#12	\$ 96,901	\$ 97,000	\$ 97,000	\$ 97,000	\$ 97,000	0.0%
5020	440520	METERED SEWER REVENUE	5,057,521	5,400,000	5,400,000	5,080,000	5,590,000	3.5%
5020	440521	SEWER FEES - ILLINOIS AMERICAN	421,601	620,000	620,000	467,000	460,000	-25.8%
5020	440522	SEWER FEES - DUPAGE COUNTY	544,241	470,000	470,000	552,000	558,000	18.7%
5020	440524	SEWER REPAIR REIMBURSEMENT FEE	286,596	285,000	285,000	287,000	287,000	0.7%
5020	440526	SEWER PERMITS	43,100	42,000	42,000	21,000	22,000	-47.6%
5020	440527	UTILITY INSPECTIONS	17,425	15,150	15,150	15,000	16,000	5.6%
5020	440529	CLEARWATER INSPECTIONS	28,100	26,000	26,000	32,800	33,400	28.5%
5020	460100	INVESTMENT INCOME	6,936	4,000	4,000	15,000	15,000	275.0%
5020	489000	MISCELLANEOUS REVENUE	3,760	3,000	3,000	1,000	3,000	0.0%
5020	489100	MISCELLANEOUS - OVER/SHORT	(134)	-	-	-	-	0.0%
TOTAL	SEWER REVENUE		\$ 6,506,047	\$ 6,962,150	\$ 6,962,150	\$ 6,567,800	\$ 7,081,400	1.7%

FUND: WATER AND SEWER
DEPARTMENT: PUBLIC WORKS

2017 BUDGET

5010 WATER REVENUE	
5010 440510 - METERED WATER REVENUE	7,700,000
CURRENT ESTIMATE SHOWS A 1.5% INCREASE IN RATES	7,700,000
5010 440512 - SALE OF NEW METERS	35,000
NEW METER PURCHASES	35,000
5010 440527 - UTILITY INSPECTIONS	17,500
UTILITY INSPECTIONS	17,500
5010 449000 - WATER CONNECTION FEES	70,000
WATER CONNECTION FEES	70,000
5010 460100 - INVESTMENT INCOME	15,000
5010 489000 - MISCELLANEOUS REVENUE	20,600
MISC REVENUE INCLUDES LATE FEES, PENALTIES AND OTHER MISC. REVENUE. BUDGETED \$20K CONSERVATIVELY AS REVENUE IS VOLATILE	20,600
TOTAL WATER REVENUE	7,858,100
5020 SEWER REVENUE	
5020 410112 - PROPERTY TAX SSA#12	97,000
YEAR 11 OF 20 OF SSA ESTABLISHED IN 2006 TO REIMBURSE VILLAGE FOR CONSTRUCTION OF SEWER IN LAMBERT FARMS SUBDIVISION	97,000
5020 440520 - METERED SEWER REVENUE	5,590,000
PROJECT A 1.5% PROJECTED RATE INCREASE	5,590,000
5020 440521 - SEWER FEES - ILLINOIS AMERICAN	460,000
SEWER FEES COLLECTED FROM IL AMERICAN THAT SERVES UNINCORP AREA SOUTH OF BUTTERFIELD. IL AMER REPRESENTS REPRESENTS APPROX 9% OF GWA FLOW	460,000

**FUND: WATER AND SEWER
DEPARTMENT: PUBLIC WORKS**

	2017 BUDGET
5020 440522 - SEWER FEES - DUPAGE COUNTY	558,000
PROJECT APPROX 1.5% RATE INCREASE.	558,000
REPRESENTS 500 UNINCORPORATED ADDRESSES NORTH OF GLEN ELLYN	
5020 440524 - SEWER REPAIR REIMBURSEMENT FEE	287,000
ANTICIPATE NO CHANGE TO REVENUE STREAM IN 2016. CHARGE IS \$1 PER MONTH ON VILLAGE SERVICES BILL	287,000
5020 440526 - SEWER PERMITS	22,000
BASED ON 2016 ESTIMATED ACTUAL	22,000
5020 440527 - UTILITY INSPECTIONS	16,000
BASED UPON HISTORICAL RESULTS	16,000
5020 440529 - CLEARWATER INSPECTIONS	33,400
REVENUE FROM CLEARWATER INSPECTIONS REQUIRED FOR TRANSFER STAMP	33,400
5020 460100 - INVESTMENT INCOME	15,000
	15,000
5020 489000 - MISCELLANEOUS REVENUE	3,000
	3,000
TOTAL SEWER REVENUE	7,081,400

FUND: WATER & SEWER FUND
DEPARTMENT: PUBLIC WORKS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
50100 WATER DIVISION EXPENSES								
50100	510100	SALARIES - PENSIONABLE	\$ 463,064	\$ 498,930	\$ 498,930	\$ 490,500	\$ 499,550	0.1%
50100	510120	SALARIES - NON PENSIONABLE	39,883	50,500	50,500	40,500	42,550	-15.7%
50100	510200	OVERTIME	20,628	23,200	23,200	15,000	23,100	-0.4%
50100	510300	TEMPORARY HELP	5,533	13,400	13,400	7,600	14,500	8.2%
50100	510400	FICA TAXES	38,655	45,000	45,000	40,000	46,500	3.3%
50100	510500	IMRF EMPLOYER CONTRIBUTIONS	49,618	55,000	55,000	51,000	54,100	-1.6%
50100	520301	TUITION REIMBURSEMENT	900	-	-	-	-	0.0%
50100	520305	EMPLOYEE RECOGNITION	235	500	500	300	1,000	100.0%
50100	520600	DUES-SUBSCRIPTIONS-REG FEES	2,401	2,400	2,400	2,600	2,800	16.7%
50100	520620	EMPLOYEE EDUCATION	1,530	8,300	8,300	5,000	6,500	-21.7%
50100	520625	TRAVEL	2,846	3,900	3,900	3,200	4,800	23.1%
50100	520635	SAFETY TRAINING	-	-	-	-	1,500	0.0%
50100	520700	LEGAL - GENERAL COUNSEL	-	3,000	3,000	-	-	-100.0%
50100	520835	BANKING SERVICES	23,119	21,700	21,700	17,400	21,800	0.5%
50100	520900	POSTAGE & SHIPPING	11,178	11,500	11,500	13,700	17,100	48.7%
50100	520970	MAINTENANCE-BUILDING & GROUNDS	24,708	40,250	46,264	39,000	65,400	62.5%
50100	520975	MAINTENANCE-EQUIPMENT	24,744	23,750	23,750	27,000	26,630	12.1%
50100	520985	MAINTENANCE-R.O.W.	23,449	59,500	59,500	38,000	60,100	1.0%
50100	521015	MAINTENANCE-WATER METERS	90,323	100,000	100,000	80,000	100,000	0.0%
50100	521020	MAINTENANCE-HYDRANTS	63,308	56,900	56,900	51,800	23,400	-58.9%
50100	521025	MAINTENANCE-VALVES	8,700	10,000	10,000	6,000	10,000	0.0%
50100	521050	MAINTENANCE-OTHER	11,844	15,000	15,000	15,000	18,000	20.0%
50100	521055	PROFESSIONAL SERVICES - OTHER	120,851	235,900	303,012	98,200	215,850	-8.5%
50100	521065	JULIE	7,867	10,600	10,600	10,000	10,600	0.0%
50100	521195	TELECOMMUNICATIONS	5,579	5,800	5,800	8,800	9,400	62.1%
50100	521200	UTILITIES	43,998	43,800	43,800	35,000	40,000	-8.7%
50100	530100	OFFICE SUPPLIES	1,617	2,200	2,200	1,400	2,200	0.0%
50100	530105	OPERATING SUPPLIES	7,817	7,000	7,000	3,000	7,000	0.0%
50100	530225	SAFETY SUPPLIES	2,224	3,100	3,100	3,100	4,000	29.0%
50100	530440	TREATMENT COSTS & PESTICIDES	-	8,000	8,000	5,000	8,000	0.0%
50100	530445	UNIFORMS	2,962	2,700	2,700	2,700	2,700	0.0%
50100	530500	LAKE MICHIGAN WATER	4,073,067	4,598,000	4,598,000	4,180,000	4,224,000	-8.1%
50100	580100	CAPITAL IMPROVEMENTS	-	345,100	615,620	161,000	135,000	-60.9%
50100	580100	505 RIFORD RD RECONSTRUCTION PROJ	-	-	1,000	4,000	-	0.0%
50100	580100	511 HILL AVE WATER MAIN EXT	-	-	24,438	-	-	0.0%
50100	580100	902 SUNSET/TURNER	1,000	-	-	-	-	0.0%
50100	580100	13001 PARK BLVD REHABILITATION	-	40,000	41,203	46,500	-	-100.0%
50100	580100	13002 CRESCENT BLVD RECONSTRUCTION	130,000	-	138,000	25,000	-	0.0%
50100	580100	13003 LENOX LINDEN	-	-	51,031	3,000	-	0.0%
50100	580100	13004 OAK EUCLID FOREST ALLEY	431	-	-	-	-	0.0%
50100	580100	13005 2013 STREET IMPROVEMENTS	-	-	28,414	32,500	-	0.0%
50100	580100	13008 ROOSEVELT ROAD WATER MAIN	-	400,000	401,800	-	560,000	40.0%
50100	580100	14004 ELM-GENEVA-COTTAGE	334,678	-	30,548	6,900	-	0.0%
50100	580100	14005 GLENWOOD-ARBOR-RIDGEWOOD	822,097	50,000	52,000	2,000	-	-100.0%
50100	580100	16005 CBD UNDERGROUND IMPROVEMENTS	-	250,000	250,000	-	500,000	100.0%
50100	580100	16006 ELM-OAK IMPROVEMENTS	-	398,500	398,500	465,000	-	-100.0%
50100	580100	16009 KENILWORTH-ALLEY IMPROVEMENTS	-	112,500	112,500	2,500	134,500	19.6%
50100	580100	16015 ROUTE 53 WATER MAIN LINING	-	515,000	515,000	15,000	1,100,000	113.6%
50100	580100	17003 BEMIS ROAD IMPROVEMENTS	-	-	-	-	-	0.0%
50100	580100	17004 MONTCLAIR EAST DAVIS SMITH IMP	-	-	-	-	759,000	0.0%
50100	580100	17005 ROYAL GLEN INFRASTRUCTURE IMP	-	-	-	-	75,000	0.0%
50100	580110	EQUIPMENT/CAPITAL OUTLAY	8,010	48,400	267,288	263,800	99,900	106.4%
50100	590113	FACIL MAINT SERVICE CHARGE	10,000	17,700	17,700	17,700	16,600	-6.2%
50100	590120	ACCOUNTING SERVICE CHARGE	150,000	150,000	150,000	150,000	145,000	-3.3%
50100	590600	TRANSFER TO INSURANCE - HEALTH	72,602	77,600	77,600	68,100	86,600	11.6%
50100	590610	TRANSFER TO INSURANCE - GEN	55,000	60,800	60,800	60,800	58,500	-3.8%
50100	590650	TRANSFER TO EQUIP FUND - O&M	66,100	59,100	59,100	59,100	63,600	7.6%
50100	590655	TRANSFER TO EQUIP FUND - REPL	60,000	61,800	61,800	61,800	61,600	-0.3%
50100	590690	TRANSFER TO FACIL MAINT RESRV	-	50,000	50,000	50,000	50,000	0.0%
50100	590910	TRANSFER TO CAPITAL PROJECTS FUND	-	-	-	-	50,000	0.0%
TOTAL	WATER DIVISION EXPENSES		\$ 6,882,566	\$ 8,596,330	\$ 9,437,298	\$ 6,785,500	\$ 9,458,380	10.0%

FUND: WATER AND SEWER FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: WATER DIVISION

2017 BUDGET

50100 WATER DIVISION EXPENDITURES

50100 510100 - SALARIES - PENSIONABLE	499,550
UTILITIES SUPERINTENDENT (50%)	49,050
CUSTOMER SERVICE WORKER (100%)	72,000
SENIOR PLANT OPERATOR (50%)	38,900
WATER PLANT OPERATOR I (50%)	31,100
CREW LEADER II (50%)	38,750
CREW LEADER I (50%)	28,900
MAINTENANCE WORKER II (50%)	34,300
(4) MAINTENANCE WORKER I (50%)	90,800
PUBLIC WORKS DIRECTOR (20%)	27,850
ASSISTANT PUBLIC WORKS DIRECTOR (15%)	17,600
REGISTERED PROFESSIONAL ENGINEER (10%)	12,500
CIVIL ENGINEER (10%)	8,000
SENIOR CIVIL ENGINEER (10%)	9,500
UTILITIES INSPECTOR (40%)	30,000
ADMINISTRATIVE ASSISTANT II (15%)	10,300
50100 510120 - SALARIES - NON PENSIONABLE	42,550
ADMINISTRATIVE ASSISTANT II (33%)	7,550
METER READERS (5)	35,000
50100 510200 - OVERTIME	23,100
OVERTIME FOR UTILITY DIVISION EMERGENCIES (50%)	18,300
SCADA CALL OUT PAY 2 HRS/WK FOR 52 WKS	3,000
2 OPERATORS AND SUPERINTENDENT @ 17.3 WKS EACH (50%)	
CREW LEADER CALL OUT PAY 3 HRS/WK FOR 26 WKS FOR 2 CREW LEADERS @ 13 WKS EACH (50%)	1,800
50100 510300 - TEMPORARY HELP	14,500
SUMMER SEASONAL WORKERS 12 WKS @\$10/HR (3 @ 50%)	7,200
EXTENDED SUMMER SEASONAL 24 WKS @\$10/HR + \$2000 FOR WORKING 24 WKS(1 @ 50%)	5,800
ENGINEERING INTERN 12 WKS @\$12/HR (25%)	1,500
50100 510400 - FICA TAXES	46,500

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 510500 - IMRF EMPLOYER CONTRIBUTIONS	54,100
50100 520305 - EMPLOYEE RECOGNITION	1,000
DINNER/LUNCH DURING EXTENDED HOURS OR WEEKEND OVERTIME	500
ANTICIPATED RETIREMENTS	500
50100 520600 - DUES-SUBSCRIPTIONS-REG FEES	2,800
AWWA INDIVIDUAL MEMBERSHIPS	200
APWA CORPORATE MEMBERSHIP	600
AWWA CORPORATE MEMBERSHIP	2,000
50100 520620 - EMPLOYEE EDUCATION	6,500
AWWA/ISAWWA OPERATOR CLASSES FOR 10 (100%)	1,800
CROSS CONNECTION CONTROL CLASS (100%)	800
WATERCON ISAWWA CONFERENCE (50%)	300
IPSI (50%)	1,200
NIU GRADUATE CLASSES FOR MPA (50%)	1,200
INSTRUMENTATION AND CONTROL (100%)	1,200
50100 520625 - TRAVEL	4,800
IPSI (50%)	900
METER READER MILEAGE	3,000
WATERCON ISAWWA (50%)	900
50100 520635 - SAFETY TRAINING	1,500
NEW - TRENCH AND EXCAVATION TRAINING	1,500
50100 520835 - BANKING SERVICES	21,800
FEES ASSOCIATED WITH PROCESSING CREDIT	21,000
CARD AND BANK CARD PAYMENTS OF WATER BILL	
BANK COURIER SERVICE	800
50100 520900 - POSTAGE & SHIPPING	17,100
WATER BILLS	13,600
CROSS CONNECTION CONTROL PROGRAM	2,000
OVERNIGHT CHARGES FOR SHIPPING WATER	1,500
CHEMICAL ANALYSIS SAMPLES TO IEPA LAB	

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 520970 - MAINTENANCE-BUILDING & GROUNDS	65,400
LANDSCAPE CONTRACT	7,200
ELECTRICAL SUPPLIES (FIXTURES, BULBS, WIRING , ETC.)	1,500
MAINTENANCE SUPPLIES (TOOLS, NUTS, BOLTS, ETC.)	1,000
DRIVEWAY REPLACEMENT FOR NEWTON PUMPING STATION	-
DRIVEWAY REPLACEMENT FOR NORTH PRESSURE ADJUSTING STATION (NPAS)	-
REPLACE ROOF AT NORTH PRESSURE ADJUSTING STATION (N PAS)	15,000
REPLACE WINDOWS AT NEWTON PUMPING STATION	10,000
ADD SECURITY COMPONENTS TO WINDOWS AT NEWTON PUMPING STATION COMPATIBLE WITH EXISTING SYSTEM	2,000
REPLACE THERMOSTATS AT NORTH AND WEST PRESSURE ADJUSTING STATIONS (N PAS AND W PAS)	2,000
PURCHASE OF STORAGE CABINETS FOR TOOLS AND EQUIPMENT AT WATER FACILITIES	1,000
PURCHASE OF LARGE TABLETOP VISE TO BE PLACED IN WILSON OR WEST PRESSURE ADJUSTING STATION	500
280' OF 8' HIGH SECURITY FENCE WITH 2 PEOPLE GATES FOR WILSON PUMP STATION/WEST PASS COMPOUND 280' @ \$90/FT	25,200
50100 520975 - MAINTENANCE-EQUIPMENT	26,630
SPECIALIZED PARTS AND SUPPLIES TO MAINTAIN EQUIPMENT SPECIFIC TO WATER DISTRIBUTION SYSTEM	15,000
CARTEGRAPH OMS PLATFORM SOFTWARE (25%) ESRI	9,630
GIS ANNUAL SOFTWARE COST	2,000
50100 520985 - MAINTENANCE-R.O.W.	60,100
LANDSCAPE MATERIALS	3,000
GRAVEL DELIVERY AND SPOIL HAULING CONTRACT	26,100
CONCRETE RESTORATION CONTRACT	18,000
IEPA TESTING OF SPOIL	3,000
PAVEMENT CONTRACTORS	10,000

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 521015 - MAINTENANCE-WATER METERS	100,000
PURCHASE NEW WATER METERS (90% FOR NEW CONSTRUCTION)	80,000
CONVERSION TO RADIO READ OF DIFFICULT METERS INCLUDING PURCHASE OF ADAPTOR PLATE FOR 2 TO 4 WIRE	10,000
CONVERSION TO RADIO READ METERS PILOT PROGRAMS FOR ADVANCED METERING SYSTEMS	10,000
50100 521020 - MAINTENANCE-HYDRANTS	23,400
AVERAGE COST OF NEW MUELLER FIRE HYDRANT (COST VARIES WITH DEPTH)	17,400
HYDRANT REPAIR PARTS	6,000
50100 521025 - MAINTENANCE-VALVES	10,000
VALVES AND REPAIR PARTS AS NEEDED (BOLTS, GASKETS, ETC.)	10,000
50100 521050 - MAINTENANCE-OTHER	18,000
REPAIR CLAMPS, PIPES, COPPER TUBING, COUPLERS, ROUND WAYS, B-BOXES, VALVE BOXES AND PIPE FITTINGS	18,000

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 521055 - PROFESSIONAL SERVICES - OTHER	215,850
ELECTRICAL MAINTENANCE	8,000
CHEMICAL ANALYSIS	6,500
BACTERIA ANALYSIS	10,000
TRAFFIC CONTROL	4,000
METER TESTING PROGRAM	10,000
GENERATOR MAINTENANCE	1,200
EMERGENCY EXCAVATION	30,000
CHLORINATION STUDY	40,000
ROOT PRUNING FOR DIGS	2,000
PRINT & DISTRIBUTE WATER BILLS	8,000
DEEP HIGHWAY SAW CUTS	1,000
LEAK LOCATION SERVICES	3,000
EXERCISE 700 VALVES (YEAR 2 OF 2)	15,000
WILSON RESERVOIR INSPECTION ICE PIG 1000' OF OF 4" MAIN (TRAVERS AVENUE)	15,000
EASEMENT INVESTIGATION (MAPPING ALL RECORDED VILLAGE EASEMENTS PERTAINING TO PW INFRASTRUCTURE)	20,000
GIS CONSORTIUM	35,400
CARTEGRAPH TRAINING/IMPLEMENTATION (25%)	3,750
BI-ANNUAL CLEANING OF PUBLIC WORKS ICE MACHINE (50%)	500
ANNUAL TESTING OF PUBLIC WORKS RPZS	1,000
TRIENNIAL LEAD AND COPPER TESTING (LCR) PROGRAM	1,500
50100 521065 - JULIE	10,600
PAYMENTS TO JULIE FOR COORDINATING 6750 LOCATES AT \$1.31 EACH	8,900
COST FOR THIRD PARTY VENDOR TO TRACK JULIES FOR 6750 LOCATES AT \$0.25 EACH	1,700
50100 521195 - TELECOMMUNICATIONS	9,400
PHONE SERVICE AT WATER FACILITIES	1,500
PHONE SERVICES - 50% OF 11 UTILITIES STAFF AND SERVICE FOR 4 TABLETS (50%)	3,800
ACCESSORIES (10% OF PHONE SERVICES)	400
SERVICE FOR OPERATIONS' LAPTOP AIRCARD	300
NEW - FIRE ALARM SERVICE FOR 4 WATER FACILITIES	2,200
NEW - AT&T UVERSE INTERNET FOR SCADA AT WEST PASS	1,200

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 521200 - UTILITIES	40,000
NATURAL GAS	4,300
ELECTRIC	35,500
GARBAGE PICK-UP	200
50100 530100 - OFFICE SUPPLIES	2,200
COPIER SUPPLIES, PAPER, INK, PENS, ENVELOPES AND TONER	2,200
50100 530105 - OPERATING SUPPLIES	7,000
HARDWARE	2,400
KITCHEN SUPPLIES	1,200
CLEANING SUPPLIES	800
LAUNDRY SUPPLIES	800
MARKING PAINT	1,000
MISCELLANEOUS SUPPLIES	800
50100 530225 - SAFETY SUPPLIES	4,000
SAFETY GLASSES	200
HARD HATS	200
FIRST AID SUPPLIES	900
BARRICADES & CONES	1,500
SAFETY POSTER PROGRAM	300
BOOTS - \$150 PER EMPLOYEE 10 EMPLOYEES @ 50% AND 1 EMPLOYEE @100%	900
50100 530440 - TREATMENT COSTS & PESTICIDES	8,000
CHLORINE BACK-UP TO SUPPLY 4MD FOR 30 DAYS	5,000
SUPPLEMENTAL CHLORINE AT NPAS	3,000
50100 530445 - UNIFORMS	2,700
\$450 PER EMPLOYEE. 10 EMPLOYEES @ 50% AND 1 EMPLOYEE @ 100%	2,700
50100 530500 - LAKE MICHIGAN WATER	4,224,000
PURCHASE OF 880,000 MILLION GALLONS FROM DWC @\$4.80/THOUSAND GALLONS	4,224,000

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 580100 - CAPITAL IMPROVEMENTS	135,000
FUTURE STREET IMPROVEMENTS - DESIGN ENGINEERING	25,000
CUMNOR MAIN	85,000
UTILITY SERVICES MAINTENANCE CONTRACT	25,000
50100 580100 - 13008 ROOSEVELT RD WATER MAIN	560,000
ROOSEVELT ROAD WATER MAIN REPLACEMENT - CONSTRUCTION (#13008)	300,000
ROOSEVELT ROAD WATER MAIN REPLACEMENT - DESIGN ENGINEERING (#13008)	200,000
ROOSEVELT ROAD WATER MAIN REPLACEMENT - EASEMENTS (#13008)	30,000
ROOSEVELT ROAD WATER MAIN REPLACEMENT - RESIDENT ENGINEERING (#13008)	30,000
50100 580100 - 16005 CBD UNDERGROUND IMPROVEMENTS	500,000
CBD ROADWAY REHABILITATION AND STREETSCAPE IMPROVEMENTS - CONSTRUCTION (#16005)	450,000
CBD ROADWAY REHABILITATION AND STREETSCAPE IMPROVEMENTS - ENGINEERING (#16005)	50,000
50100 580100 - 16009 KENILWORTH-ALLEY IMPROVEMENTS	134,500
KENILWORTH-ALLEY IMPROVEMENTS - CONSTRUCTION (#16009)	120,000
KENILWORTH-ALLEY IMPROVEMENTS - DESIGN ENGINEERING (#16009)	2,500
KENILWORTH-ALLEY IMPROVEMENTS - RESIDENT ENGINEERING (#16009)	12,000

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 580100 - 16015 ROUTE 53 WATER MAIN LINING	1,100,000
ROUTE 53 AND ROUTE 38 WATER MAIN LINING CONSTRUCTION (#16015)	1,000,000
ROUTE 53 AND ROUTE 38 WATER MAIN LINING DESIGN ENGINEERING (#16015)	50,000
ROUTE 53 AND ROUTE 38 WATER MAIN LINING RESIDENT ENGINEERING (#16015)	50,000
50100 580100 - 17004 MONTCLAIR EAST DAVIS SMITH IMP	759,000
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS CONSTRUCTION (#17004)	660,000
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS DESIGN ENGINEERING (#17004)	33,000
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS CONSTRUCTION ENGINEERING (#17004)	66,000
50100 580100 - 17005 ROYAL GLEN INFRASTRUCTURE IMP	75,000
ROYAL GLEN INFRASTRUCTURE IMPROVEMENTS DESIGN ENGINEERING (#17005)	75,000

VILLAGE OF GLEN ELLYN
2017 BUDGET

50100 580110 - EQUIPMENT/CAPITAL OUTLAY	99,900
STANLEY HYDRAULIC CHAINSAW FOR CUTTING DUCTILE WATER MAIN	6,000
CHANGE LIGHTING OVER TO ENERGY EFFICIENT L.E.D. LIGHTING WILSON AND NEWTON	1,000
PURCHASE OF NEW STHIL CUTOFF SAW (50%)	1,000
PURCHASE OF NEW DRINKING FOUNTAIN WITH DOG BOWL FOR SPICELY PARK	5,800
PURCHASE OF TWO NEW IPADS OR TABLETS TO USE WITH CARTEGRAPH OMS IN THE FIELD	800
REPLACEMENT AND UPGRADE OF STARTERS AND ELECTRICAL PANEL FOR NEWTON BOOSTERS AND WELL PUMP	65,000
REPLACEMENT OF UTILITY SAW TRAILER WITH NEW TRAILER FOR DIG JOBS (BREAKER SHAKER CONES, ETC) 50%	4,000
REPLACEMENT OF GENERATOR FOR POWERTOOLS AND NIGHT DIGS (50%)	500
REPLACEMENT OF 4" TRASH PUMP FOR MAIN BREAKS AND EMERGENCY SITUATIONS (50%)	1,300
PURCHASE OF R900 GATEWAY COLLECTOR FOR ADVANCED WATER METER READING	13,500
PURCHASE OF PROGRAMMING MOUSE FOR HANDHELD METER READING UNITS	1,000
50100 590113 - FACIL MAINT SERVICE CHARGE	16,600
FACILITIES MAINTENANCE SERVICE CHARGE	16,600
50100 590120 - ACCOUNTING SERVICE CHARGE	145,000
50100 590600 - TRANSFER TO INSURANCE - HEALTH	86,600
50100 590610 - TRANSFER TO INSURANCE - GEN	58,500
50100 590650 - TRANSFER TO EQUIP FUND - O&M	63,600
50100 590655 - TRANSFER TO EQUIP FUND - REPL	61,600
50100 590690 - TRANSFER TO FACIL MAINT RESRV	50,000
50100 590910 - TRANSFER TO CAPITAL PROJECTS FUND	50,000
TOTAL WATER DIVISION EXPENDITURES	9,458,380

FUND: WATER & SEWER FUND
DEPARTMENT: PUBLIC WORKS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
50200 SEWER DIVISION EXPENSES								
50200	510100	SALARIES - PENSIONABLE	388,677	425,070	425,070	412,500	427,650	0.6%
50200	510120	SALARIES - NON PENSIONABLE	7,419	8,100	8,100	8,100	7,550	-6.8%
50200	510200	OVERTIME	19,624	23,200	23,200	15,000	23,200	0.0%
50200	510300	TEMPORARY HELP	5,533	13,400	13,400	7,600	14,100	5.2%
50200	510400	FICA TAXES	30,660	36,000	36,000	32,000	41,000	13.9%
50200	510500	IMRF EMPLOYER CONTRIBUTIONS	41,830	48,000	48,000	43,000	46,600	-2.9%
50200	520301	TUITION REIMBURSEMENT	900	-	-	-	-	0.0%
50200	520305	EMPLOYEE RECOGNITION	66	-	-	-	500	0.0%
50200	520600	DUES-SUBSCRIPTIONS-REG FEES	3,463	4,500	4,500	3,700	4,500	0.0%
50200	520620	EMPLOYEE EDUCATION	6,948	3,600	3,600	3,600	6,500	80.6%
50200	520625	TRAVEL	535	300	300	500	1,800	500.0%
50200	520700	LEGAL - GENERAL COUNSEL	-	1,000	1,000	-	-	-100.0%
50200	520835	BANKING SERVICES	22,830	21,700	21,700	19,000	21,800	0.5%
50200	520900	POSTAGE & SHIPPING	10,614	10,000	10,000	13,200	13,200	32.0%
50200	520970	MAINTENANCE-BUILDING & GROUNDS	2,038	3,000	3,000	8,500	5,000	66.7%
50200	520975	MAINTENANCE-EQUIPMENT	25,336	21,250	21,250	20,500	24,600	15.8%
50200	520985	MAINTENANCE-R.O.W.	24,586	49,000	49,000	33,500	49,600	1.2%
50200	521005	MAINTENANCE-STORM SEWERS	8,308	20,000	20,000	15,000	20,000	0.0%
50200	521010	MAINTENANCE-SANITARY SEWERS	3,680	20,000	20,000	12,000	20,000	0.0%
50200	521050	MAINTENANCE-OTHER	64	-	-	-	-	0.0%
50200	521055	PROFESSIONAL SERVICES - OTHER	75,703	160,400	163,018	121,000	159,900	-0.3%
50200	521130	PAYMENT TO GWA	3,429,849	3,608,243	3,608,243	3,525,952	3,558,000	-1.4%
50200	521140	SEWER REIMBURSE PLAN REPAIRS	39,188	50,000	50,000	40,000	50,000	0.0%
50200	521145	OVERHEAD SEWER PROGRAM	42,248	50,000	50,000	25,000	50,000	0.0%
50200	521150	SANITARY SEWER TELEVISIONING	41,310	-	-	-	-	0.0%
50200	521195	TELECOMMUNICATIONS	3,792	5,400	5,400	5,000	5,400	0.0%
50200	521200	UTILITIES	4,857	6,000	6,000	5,500	6,000	0.0%
50200	530100	OFFICE SUPPLIES	1,418	2,200	2,200	1,400	2,200	0.0%
50200	530105	OPERATING SUPPLIES	2,923	3,750	3,750	2,200	3,750	0.0%
50200	530225	SAFETY SUPPLIES	3,028	4,900	4,900	4,500	5,700	16.3%
50200	530445	UNIFORMS	2,962	2,300	2,300	2,300	2,300	0.0%
50200	550590	INTEREST-LAMBERT FARMS IEPA	20,004	20,000	20,000	20,000	20,000	0.0%
50200	550595	PRINCIPAL-LAMBERT FARMS IEPA	87,941	88,000	88,000	88,000	88,000	0.0%
50200	580100	CAPITAL IMPROVEMENTS	230,879	1,025,000	525,000	50,000	650,000	-36.6%
50200	580100	505 RIFORD RD RECONSTRUCTION PROJ	-	-	1,000	2,000	-	0.0%
50200	580100	902 HILL AVE	-	-	36,890	-	-	0.0%
50200	580100	902 SUNSET/TURNER	1,000	-	-	-	-	0.0%
50200	580100	13001 PARK BLVD REHABILITATION	-	20,000	21,202	26,500	-	-100.0%
50200	580100	13003 LENOX LINDEN	1,210	-	9,386	1,000	-	0.0%
50200	580100	13004 OAK EUCLID FOREST ALLEY	144	-	-	-	-	0.0%
50200	580100	13005 2013 STREET IMPROVEMENTS	-	-	36,481	17,000	-	0.0%
50200	580100	14002 2013 SANITARY SEWER LINING	17,724	-	-	-	-	0.0%
50200	580100	14004 ELM-GENEVA-COTTAGE	348,329	-	111,946	5,200	-	0.0%
50200	580100	14005 GLENWOOD-ARBOR-RIDGEWOOD	385,898	30,000	31,377	1,000	-	-100.0%
50200	580100	15001 2015 SANITARY SEWER LINING	-	-	430,000	430,000	-	0.0%
50200	580100	16005 CBD UNDERGROUND IMPROVEMENTS	-	250,000	250,000	-	500,000	100.0%
50200	580100	16006 ELM-OAK IMPROVEMENTS	-	470,000	470,000	775,000	-	-100.0%
50200	580100	16009 KENILWORTH-ALLEY IMPROVEMENTS	-	222,500	222,500	2,500	261,000	17.3%
50200	580100	16012 MEMORY CT LIFT STATION REHAB	-	640,000	640,000	-	-	-100.0%
50200	580100	16020 2016 SANITARY SEWER LINING	-	-	500,000	446,000	-	0.0%
50200	580100	17003 BEMIS ROAD IMPROVEMENTS	-	-	-	-	-	0.0%
50200	580100	17004 MONTCLAIR EAST DAVIS SMITH IMP	-	-	-	-	937,500	0.0%
50200	580100	17005 ROYAL GLEN INFRASTRUCTURE IMP	-	-	-	-	40,000	0.0%
50200	580110	EQUIPMENT/CAPITAL OUTLAY	7,767	27,200	29,288	3,000	129,600	376.5%
50200	590113	FACIL MAINT SERVICE CHARGE	10,000	17,700	17,700	17,700	13,800	-22.0%
50200	590120	ACCOUNTING SERVICE CHARGE	150,000	150,000	150,000	150,000	145,000	-3.3%
50200	590132	PW OPERATIONS SERVICE CHARGE	10,000	-	-	-	-	0.0%
50200	590600	TRANSFER TO INSURANCE - HEALTH	60,452	64,400	64,400	55,200	72,700	12.9%
50200	590610	TRANSFER TO INSURANCE - GEN	45,500	50,000	50,000	50,000	44,000	-12.0%
50200	590650	TRANSFER TO EQUIP FUND - O&M	61,700	80,700	80,700	80,700	84,200	4.3%
50200	590655	TRANSFER TO EQUIP FUND - REPL	113,200	94,300	94,300	94,300	61,700	-34.6%
50200	590690	TRANSFER TO FACIL MAINT RESRV	-	50,000	50,000	50,000	50,000	0.0%
50200	590910	TRANSFER TO CAPITAL PROJECTS FUND	-	-	-	-	50,000	0.0%
TOTAL		SEWER DIVISION EXPENSES	\$ 5,802,137	\$ 7,901,113	\$ 8,534,101	\$ 6,745,652	\$ 7,718,350	-2.3%
TOTAL	WATER AND SEWER FUND		\$ 1,484,310	\$ (1,900,293)	\$ (3,374,249)	\$ 655,648	\$ (2,237,230)	

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

2017 BUDGET

50200 SEWER DIVISION EXPENSES

50200 510100 - SALARIES - PENSIONABLE	427,650
UTILITIES SUPERINTENDENT (50%)	49,100
SENIOR PLANT OPERATOR (50%)	38,900
WATER PLANT OPERATOR (50%)	31,100
CREW LEADER II (50%)	38,800
CREW LEADER I (50%)	28,900
MAINTENANCE WORKER II (50%)	34,300
(4) MAINTENANCE WORKER I (50%)	90,750
PUBLIC WORKS DIRECTOR (20%)	27,900
ASSISTANT PUBLIC WORKS DIRECTOR (15%)	17,600
REGISTERED PROFESSIONAL ENGINEER (10%)	12,500
CIVIL ENGINEER (10%)	8,000
SENIOR CIVIL ENGINEER (10%)	9,500
UTILITIES INSPECTOR (40%)	30,000
ADMINISTRATIVE ASSISTANT II (15%)	10,300
50200 510120 - SALARIES - NON PENSIONABLE	7,550
ADMINISTRATIVE ASSISTANT II (33%)	7,550
50200 510200 - OVERTIME	23,200
OVERTIME FOR UTILITY DIVISION EMERGENCIES (50%)	18,300
SCADA CALL OUT PAY 2 HRS/WK FOR 52 WKS	3,100
2 OPERATORS AND SUPERINTENDENT @ 17.3 WKS EACH (50%)	
CREW LEADER CALL OUT PAY 3 HRS/WK FOR 26 WKS FOR 2 CREW LEADERS @ 13 WKS EACH (50%)	1,800
50200 510300 - TEMPORARY HELP	14,100
SUMMER SEASONAL WORKERS 12 WKS @\$10/HR (3 @ 50%)	7,200
EXTENDED SUMMER SEASONAL 24 WKS @\$10/HR + \$2000 FOR WORKING 24 WKS (1 @ 50%)	5,400
ENGINEERING INTERN 12 WKS @\$12/HR (25%)	1,500
50200 510400 - FICA TAXES	41,000
50200 510500 - IMRF EMPLOYER CONTRIBUTIONS	46,600

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

	2017 BUDGET
50200 520305 - EMPLOYEE RECOGNITION	500
ANTICIPATED RETIREMENTS	500
50200 520600 - DUES-SUBSCRIPTIONS-REG FEES	4,500
APWA CORPORATE MEMBERSHIP AND MISC DUES FOR STAFF OF 11	1,000
DUPAGE RIVER SALT CREEK WORKGROUP (DRSCW) DUES PER GWA (ESTIMATED)	3,500
50200 520620 - EMPLOYEE EDUCATION	6,500
WASTE WATER / STORM WATER TRAINING FOR STAFF OF 10 (100%)	1,800
NIU GRADUATE CLASSES FOR MPA (50%)	1,200
IPSI (50%)	1,200
TRAINING FOR PIPELINE ASSESSMENT AND CERTIFICATION PROGRAM PACP (NEW AND RENEWALS) FOR USE WITH SEWER TELEVISIONING EQUIPMENT	2,000
WATERCON ISAWWA TOTAL WATER CONFERENCE (50%)	300
50200 520625 - TRAVEL	1,800
IPSI (50%)	900
WATERCON ISAWWA TOTAL WATER CONFERENCE (50%)	900
50200 520835 - BANKING SERVICES	21,800
SEWER SHARE OF BANK FEES TO PROCESS CREDIT/BANK USED TO PAY WATER/SEWER BILLS	21,000
BANK COURIER SERVICES	800
50200 520900 - POSTAGE & SHIPPING	13,200
SEWER PORTION OF POSTAGE ASSOCIATED WITH WATER/SEWER BILL	13,200

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

2017 BUDGET

50200 520970 - MAINTENANCE-BUILDING & GROUNDS	5,000
ELECTRICAL SUPPLIES FOR PUMP STATIONS (LIGHT BULBS, CONTROLLERS, DIALERS, ETC.)	4,000
PLUMBING SUPPLIES FOR PUMP STATIONS	500
HARDWARE AND PAINT	500
50200 520975 - MAINTENANCE-EQUIPMENT	24,600
AS NEEDED REPLACEMENT FOR SAFETY OF HIGH PRESSURE FLUSHER HOSES FOR 242 AND 230	4,000
SAW REPAIRS	500
MAINTAIN TOOLS AND EQUIPMENT	500
MISCELLANEOUS CONSTRUCTION SUPPLIES	1,500
CARTEGRAPH OMS ELA UNLIMITED LICENSES (25%)	9,600
WINCAN ANNUAL SERVICE CONTRACT FOR ROUTINE MAINTENANCE AND REPAIRS OF SEWER TELEVISIONING CAMERA, PURCHASE NEW EQUIPMENT	5,000
ESRI GIS ANNUAL SOFTWARE COST	2,000
50200 520985 - MAINTENANCE-R.O.W.	49,600
LANDSCAPE MATERIALS	3,000
GRAVEL DELIVERY AND SPOIL HAULING CONTRACT	26,100
CONCRETE RESTORATION CONTRACT	18,000
IEPA SPOIL TESTING	2,500
50200 521005 - MAINTENANCE-STORM SEWERS	20,000
STRUCTURES, FRAMES, GRATES, PIPE FITTINGS, BRICK & MORTAR	20,000
50200 521010 - MAINTENANCE-SANITARY SEWERS	20,000
STRUCTURES, FRAMES, GRATES, PIPE FITTINGS BRICK & MORTAR	20,000

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

2017 BUDGET

50200 521055 - PROFESSIONAL SERVICES - OTHER	159,900
COSTS ASSOCIATED WITH CREATION OF SEWER UTILITIES BILL	8,000
EMERGENCY FLUSHER	2,000
LIFT STATION REPAIR SERVICE	5,000
BACTERIA TREATMENTS	25,000
DEEP HIGHWAY SAW CUTS	1,000
CLEAN & TV CENTRAL BASIN SANITARY TRUNK SEWERS RJN STUDY	25,000
ELECTRICAL MAINTENANCE	4,000
GENERATOR MAINTENANCE	1,200
ROOT PRUNING	1,000
EMERGENCY EXCAVATIONS	20,000
CLEANING OF THE 9 VORTEX STORM WATER	9,000
CLEAN 4 SANITARY LIFT STATIONS	4,000
EASEMENT INVESTIGATION AND IDENTIFICATION	10,000
CARTEGRAPH - TRAINING\IMPLEMENTATION (25%)	3,800
GIS CONSORTIUM	35,400
BI-ANNUAL CLEANING OF PUBLIC WORKS ICE MACHINE [50%]	500
CHEMICAL ROOT CONTROL TREATMENT FOR SANITARY MAINS	5,000
50200 521130 - PAYMENT TO GWA	3,558,000
BASED ON DRAFT GWA BUDGET	3,558,000
50200 521140 - SEWER REIMBURSE PLAN REPAIRS	50,000
REIMBURSES RESIDENTS 50% OF COSTS ASSOCIATED WITH REPLACEMENT/REPAIR OF SANITARY SEWER IN ROW	50,000
50200 521145 - OVERHEAD SEWER PROGRAM	50,000
COST SHARES UP TO 50% OF THE COSTS ASSOCIATED WITH CONVERSION TO OVERHEAD SEWERS	50,000

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

2017 BUDGET

50200 521195 - TELECOMMUNICATIONS	5,400
PHONE SERVICE AT LIFT STATIONS ETC.	1,500
PHONE SERVICES - 11 EMPLOYEES AT 50% + SERVICE FOR 4 TABLETS (50%)	3,500
ACCESSORIES (10% OF PHONE SERVICE)	400
50200 521200 - UTILITIES	6,000
ELECTRIC & NATURAL GAS EXPENDITURES	6,000
50200 530100 - OFFICE SUPPLIES	2,200
PRINTER SUPPLIES, INK, PAPER, PENS, AND GENERAL OFFICE SUPPLIES	2,200
50200 530105 - OPERATING SUPPLIES	3,750
HARDWARE	1,200
LAUNDRY SUPPLIES	300
MARKING PAINT	1,000
KITCHEN SUPPLIES	300
CLEANING SUPPLIES	200
MISCELLANEOUS SUPPLIES	750
50200 530225 - SAFETY SUPPLIES	5,700
DISINFECTANTS	400
BIO-HAZARD GLOVES	1,600
SAFETY GLASSES	300
HARD HATS	300
BARRICADES & CONES	1,500
FIRST AID SUPPLIES	800
BOOTS - \$150 PER EMPLOYEE - 10 EMPLOYEES @ 50%	800
50200 530445 - UNIFORMS	2,300
UNIFORMS - \$450 PER EMPLOYEE - 10 EMPLOYEES AT 50%	2,300
50200 550590 - INTEREST-LAMBERT FARMS IEPA	20,000
INTEREST PAID ON IEPA LOAN FOR SANITARY MAIN IN LAMBERT FARMS 7TH OF 15 ANNUAL PAYMENTS	20,000

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

	2017 BUDGET
50200 550595 - PRINCIPAL-LAMBERT FARMS IEPA	88,000
PRINCIPAL PAID ON IEPA LOAN FOR SANITARY MAIN IN LAMBERT FARMS 7TH OF 15 ANNUAL PAYMENTS	88,000
50200 580100 - CAPITAL IMPROVEMENTS	650,000
FUTURE STREET IMPROVEMENTS - DESIGN ENGINEERING	50,000
CUMNOR SANITARY SEWER EXTENSION	100,000
SEWER LINING/SSES FOLLOW-UP	500,000
50200 580100 - 16005 CBD UNDERGROUND IMPROVEMENTS	500,000
CBD ROADWAY REHABILITATION AND STREETScape CONSTRUCTION (#16005)	450,000
CBD ROADWAY REHABILITATION AND STREETScape DESIGN ENGINEERING (#16005)	50,000
50200 580100 - 16009 KENILWORTH-ALLEY IMPROVEMENTS	261,000
KENILWORTH-ALLEY IMPROVEMENTS - CONSTRUCTION (#16009)	235,000
KENILWORTH-ALLEY IMPROVEMENTS - DESIGN ENGINEERING (#16009)	2,500
KENILWORTH-ALLEY IMPROVEMENTS - RESIDENT ENGINEERING (#16009)	23,500
50200 580100 - 17004 MONTCLAIR EAST DAVIS SMITH IMP	937,500
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS CONSTRUCTION (#17004)	815,000
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS DESIGN ENGINEERING (#17004)	41,000
MONTCLAIR EAST DAVIS SMITH IMPROVEMENTS CONSTRUCTION ENGINEERING (#17004)	81,500
50200 580100 - 17005 ROYAL GLEN INFRASTRUCTURE IMP	40,000
ROYAL GLEN INFRASTRUCTURE IMPROVEMENTS DESIGN ENGINEERING (#17005)	40,000

FUND: GENERAL FUND
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: SEWER

	2017 BUDGET
50200 580110 - EQUIPMENT/CAPITAL OUTLAY	129,600
REPLACE PUMPS VALVES AND FITTINGS INCLUDING INSTALLATION AND ELECTRICAL WORK AT S. PARK LIFT STATION (10 YR LIFE EXPECTANCY)	85,000
REQUIRED PUMP AROUND FOR S. PARK LIFT STATION UPGRADES	35,000
PURCHASE OF TWO NEW IPADS OR TABLETS TO USE WITH CARTEGRAPH OMS IN THE FIELD (50%)	800
REPLACEMENT OF UTILITY SAW TRAILER FOR NEW TRAILER FOR DIG JOBS (BREAKER TAMPER CONES. ETC) [50%]	4,000
ELECTRICAL UPGRADES AT SURREY LIFT STATION	3,000
REPLACEMENT OF GENERATOR FOR POWER TOOLS AND NIGHT DIGS (50%)	500
REPLACEMENT OF 4" TRASH PUMP FOR MAIN BREAKS AND EMERGENCY SITUATIONS (50%)	1,300
50200 590113 - FACIL MAINT SERVICE CHARGE	13,800
FACILITIES MAINTENANCE SERVICE CHARGE	13,800
50200 590120 - ACCOUNTING SERVICE CHARGE	145,000
50200 590600 - TRANSFER TO INSURANCE - HEALTH	72,700
50200 590610 - TRANSFER TO INSURANCE - GEN	44,000
50200 590650 - TRANSFER TO EQUIP FUND - O&M	84,200
50200 590655 - TRANSFER TO EQUIP FUND - REPL	61,700
50200 590690 - TRANSFER TO FACIL MAINT RESRV	50,000
50200 590910 - TRANSFER TO CAPITAL PROJECTS FUND	50,000
TOTAL SEWER DIVISION EXPENSES	7,718,350

VILLAGE OF GLEN ELLYN
FISCAL YEAR 2017 ANNUAL BUDGET
PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - OPERATIONS DIVISION

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>	<u>FY15 Budgeted Employees</u>	<u>FY16 Budgeted Employees</u>	<u>FY17 Budgeted Employees</u>
Street/Forestry Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Utilities Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Sr Water Plant Operator	FT	L	1.00	1.00	1.00	1.00	1.00
Water Plant Operator I	FT	I	1.00	1.00	1.00	1.00	1.00
Crew Leader I	FT	I	3.00	3.00	4.00	3.00	4.00
Crew Leader II	FT	J	1.00	1.00	-	1.00	-
Customer Service Worker	FT	G	1.00	1.00	1.00	1.00	1.00
Maintenance Worker III	FT	G	-	-	-	1.00	1.00
Maintenance Worker II	FT	F	5.40	5.40	5.40	4.00	3.00
Maintenance Worker I	FT	E	6.00	6.00	6.00	6.40	7.40
Forestry Intern	PT	N/A	-	0.19	0.19	-	-
Seasonal Staff	PT	N/A	3.57	3.57	3.57	3.57	3.57
TOTAL EMPLOYEES (Full-time Equivalent)			23.97	24.16	24.16	23.97	23.97
Full-time Number of Positions			20	20	20	20	20
Part-time Number of Positions			44	45	45	45	45

EQUIPMENT SERVICES DIVISION

The Equipment Services Division is comprised of three fulltime A.S.E. (Automotive Service Excellence) Certified Master Technicians and one Part-time Fleet Assistant. The Equipment Services Superintendent supervises the Division and provides direction to personnel who are responsible for performing or providing oversight of the following functions, duties and activities:

1. Automotive repairs and maintenance of trucks, tractors, automobiles, fire apparatus, and other specialized equipment for all Village departments including the Glenbard Wastewater Authority (GWA) and the Glen Ellyn Volunteer Fire Company. The majority of all repairs are performed in-house (with the exception of body work and warranty work performed by the authorized dealer). This includes about 174 vehicles/equipment (24 Police, 103 Public Works, 3 Planning and Development, 2 Facilities Maintenance, 28 for the Glenbard Wastewater Authority and 14 for the Fire Company).
2. Emergency twenty-four hour road service.
3. Fuel distribution, monitoring, and underground storage tank (UST) compliance.
4. Maintenance of the computerized fleet maintenance system that tracks all vehicle repairs and preventive maintenance histories as well as parts disbursements and inventories.
5. Preparation of detailed bid specifications for securing new vehicles and equipment; bid opening, tabulation and award.
6. Coordination of the legal disposition of all "out-of-service" Village-owned vehicles and equipment.
7. Acquisition of parts and processing all vendor invoices related to the Division.
8. Maintenance and servicing of all shop equipment and acquisition of approved new items.
9. Snow removal and ice control assistance, storm damage cleanup and emergency flood response, and other emergency operations with 24/7 capability.

Equipment Services is funded as an internal service fund with each operating division paying an inter-fund transfer amount to the Equipment Services Fund for services, parts and fuel based on the average prior 2-year's history. Equipment replacement cost is also charged with amounts paid annually to the Equipment Services Fund in order to accumulate the financial resources needed for orderly equipment replacement when it has reached the end of its economic and/or useful life. The depreciation account does not include vehicles from the Glenbard Wastewater Authority or the Glen Ellyn Volunteer Fire Company.

Equipment Services Accomplishments for FY16

1. Equipment Services Technicians maintained their A.S.E. Master Certified status and re-certified in areas where required. All Equipment Service Technicians hold double Master Certifications in the Automobile and Medium/Heavy Duty Truck Classifications. One technician is EVT certified while another tech is also an A.S.E. master certified truck equipment installer.
2. The Equipment Services Division received the ASE "Blue Seal of Excellence" award from the National Institute for Automotive Service Excellence for 2016. The program's emphasis is to

identify highly qualified repair facilities with a large percentage of ASE-certified professionals. This is the tenth consecutive year the division has been awarded this honor.

3. The Equipment Services Division completed 2,522 repair requests through August 31st 2016. We anticipate the completion of almost 4000 repair requests by year end.
4. The Equipment Service Division has continued its endeavor to provide a more efficient fleet of equipment and vehicles that will reduce air pollution and our dependence on foreign oil by utilizing renewable fuel sources. The ESD maintains one compressed natural gas (CNG) bifuel powered Ford Transit Connect utility van. Natural gas burning vehicles produce fewer exhaust emissions and allow for extended service intervals. The entire fleet of diesel-powered vehicles and equipment runs on ultra-low sulphur diesel oil. The fleet also has a number of gasoline powered vehicles that are capable of running on an alternative fuel known as E85, which is made up of 85% ethanol. E85 is made from corn and is a renewable fuel source. In FY16 Equipment Services maintained five hybrid cars and SUVs. Hybrid vehicles utilize internal combustion engines coupled with electric generators/motors that drive vehicles with electric power. These vehicles are very fuel-efficient and provide zero-emissions when running on battery power only. The Equipment Services Division is committed to our goal of providing the Village with a "Green Fleet".
5. The ESD completed the installation of back up camera systems into four (4) Public Works vehicles.
6. Equipment Services developed preventive maintenance (PM) checklists for all new vehicles placed into service.
7. Division personnel tore down old and setup one (1) new Police patrol car, one (1) unmarked Chief's car, and (1) unmarked detective's car. Equipment removed from the old marked/unmarked squad cars and subsequently installed in the new units included laptop computers complete with mounting doc's, mobile printers, new audio/video systems, AVL systems, LED light bars, communication radios, vehicle partitions, sirens, radars, emergency lighting, trunk boxes, electronic weapon racks, a graphics package, and other equipment as required.
8. Equipment Services vacuum tested and rebuilt the fire pump valves on four (4) Fire Engines and two (2) aerial Fire Trucks. The ESD also tore down and upfit one (1) Fire Deputy Chief's buggy and two (2) Fire Utility pickup trucks. Equipment removed from the old squads and buggy and subsequently installed in the new units included laptop computers complete with mounting doc's and communication radios. New sirens, emergency lighting and controller's, LED light bars, radio pack chargers, knox boxes, a graphics package, and other equipment as required were installed.
9. Equipment Services wrote specifications, advertised, and procured seven (7) new vehicles for the Glen Ellyn Public Works Department. Equipment Services personnel installed vehicle graphics, safety warning lighting, safety equipment, communication radios and any equipment necessary to satisfy the needs of the department on one (1) engineer's field service van, one (1) utility main break truck, two (2) utility division multipurpose pickup trucks, two (2) street/forestry division multipurpose pickup trucks, and one (1) loadall telehandler.

10. The ESD performed an annual inspection of vehicle fire extinguishers. Fire extinguishers were removed, inspected, serviced or replaced on all Village vehicles.
11. The ESD tore down and detailed "out of service" vehicles and equipment. Vehicles removed from service this year were sold through an on line auction.
12. The ESD completed the annual reconditioning of five v-box salt spreaders. The salt spreaders were installed into multipurpose dump bodies utilizing the IMT crane. This allowed for the safe and efficient transfer of equipment from storage racks to vehicle beds.
13. The ESD completed an inventory usage analysis and removed all obsolete inventories. Inventory has been consolidated and restocked. The CFA fleet analysis program has been updated to reflect all changes.
14. Continued laboratory analysis of lubricants used in the fleet of the Glen Ellyn Police Department and the various departments of Public Works to lower the cost of preventive maintenance and decrease downtime.
15. ESD staff continued to perform facility related projects at the Reno Center. Equipment Services replaced the shop air compressor with a computer controlled duplex unit and an auxiliary storage tank with a refrigerated air drier. The ESD also provided bids and oversight of the refinishing of the lower level hallway and locker room floors.
16. Equipment Services implemented and followed the established standards for the quality of repairs performed in the department and the accountability of staff time.

Equipment Services Goals for FY17

1. The Equipment Service Division will meet the needs of operators and departments in an environmentally friendly way and will provide service in an efficient fiscally responsible manner. Personnel will ensure that the Division operates in a user friendly way and will strive to promote team spirit.
2. Division personnel will continue to improve upon its preventive maintenance programs, and through cost-effective measures maintain the current level of services provided.
3. Preventive maintenance checklists will be periodically reviewed and adjusted according to long-term vehicle & equipment repair and maintenance histories.
4. Conduct research in conjunction and cooperation with all Village departments and divisions for which the acquisition of new or the replacement of existing vehicles and equipment are scheduled during the fiscal year to ensure that accurate and detailed bid specifications are properly prepared. As delivery of these vehicles and equipment occur, Division personnel will install all specialized equipment and perform any other tasks necessary to place these vehicles into service.
5. Perform the annual teardown of old and setup of new police squad cars.

6. Complete the conversion of the obsolete paint booth into a useable vehicle repair bay and police vehicle up fit bay.
7. Continue the installation of back up camera systems into Public Works vehicles.
8. Continue to ensure that the Division's facility is in full compliance with all environmental-related laws and mandates. Re-examine all practices and procedures to ensure that the Division continues to operate in full compliance with all laws and mandates and in an environmentally safe manner.
9. Mechanic training will continue with both fee-based and free training courses offered by the National Association of Fleet Administrators (NAFA), Elgin Sweeper Company, Navistar Company, Allison Transmission, Emergency (fire) Vehicle Technician (EVT), Municipal Fleet Managers Association, Inland Diesel, etc. Emphasis will focus on Division personnel studying for and taking EVT certification tests (fire equipment) during the course of the year as well as Automotive Service Excellence (ASE) certifications.
10. Continue to perform cost effective tasks and services in an efficient manner for our customers (e.g., other Village departments and divisions) routinely and as special needs arise.

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS

ORG	OBJECT	ACCOUNT DESCRIPTION	2015 ACTUAL	2016 ORIG BUDGET	2016 REV BUDGET	2016 PROJECTION	2017 BUDGET	2017 % CHG 2016 ORG BUD
6500 EQUIPMENT SERVICES REVENUES								
6500	440650	EQUIPMENT O&M - GWA	\$ 41,200	\$ 40,000	\$ 40,000	\$ 40,000	\$ 37,900	-5.3%
6500	440660	GAS SOLD TO GE PARK DISTRICT	33,031	30,000	30,000	20,000	20,000	-33.3%
6500	460100	INVESTMENT INCOME	5,755	5,000	5,000	10,000	5,000	0.0%
6500	489000	MISC REVENUE / SALE OF EQUIP	41,503	20,000	20,000	20,000	20,000	0.0%
6500	489200	G/L ON DISP OF FIXED ASSETS	33,713	-	-	-	-	0.0%
6500	490654	EQUIP O&M/REPLC - PW ADMIN	28,700	22,700	22,700	22,700	47,700	110.1%
6500	490656	EQUIP O&M/REPLC - PW FORESTRY	211,900	210,900	210,900	210,900	198,700	-5.8%
6500	490657	EQUIP O&M/REPLC - PW STR	471,500	373,200	373,200	373,200	354,900	-4.9%
6500	490658	EQUIP O&M/REPLC - FACILITIES	28,600	22,800	22,800	22,800	22,600	-0.9%
6500	490659	EQUIP O&M/REPLC - POL OPS	232,100	285,600	285,600	285,600	272,200	-4.7%
6500	490660	EQUIP O&M/REPLC - POLICE AD	141,000	29,700	29,700	29,700	39,500	33.0%
6500	490661	EQUIP O&M/REPLC - POL INV	41,500	80,900	80,900	80,900	78,800	-2.6%
6500	490662	EQUIP O&M/REPLC - FIRE	100,800	152,600	152,600	152,600	133,900	-12.3%
6500	490664	EQUIP O&M/REPLC - PLANNING	11,900	10,000	10,000	10,000	6,700	-33.0%
6500	490668	EQUIP O&M/REPLC - WATER	126,100	120,900	120,900	120,900	125,200	3.6%
6500	490670	EQUIP O&M/REPLC - SEWER	174,900	175,000	175,000	175,000	145,900	-16.6%
6500	490672	EQUIP O&M/REPLC - EQUIP MAINT	5,900	4,400	4,400	4,400	5,200	18.2%
TOTAL	EQUIPMENT SERVICES REVENUES		\$ 1,730,102	\$ 1,583,700	\$ 1,583,700	\$ 1,578,700	\$ 1,514,200	-4.4%
65000 EQUIPMENT SERVICES EXPENSES								
65000	510100	SALARIES - PENSIONABLE	\$ 257,710	\$ 260,650	\$ 260,650	\$ 260,650	\$ 267,950	2.8%
65000	510120	SALARIES - NON PENSIONABLE	18,900	22,050	22,050	18,000	23,225	5.3%
65000	510200	OVERTIME	7,524	10,000	10,000	10,000	10,000	0.0%
65000	510400	FICA TAXES	20,778	22,500	22,500	22,100	23,100	2.7%
65000	510500	IMRF EMPLOYER CONTRIBUTIONS	27,318	29,000	29,000	29,300	30,100	3.8%
65000	520600	DUES-SUBSCRIPTIONS-REG FEES	669	775	775	700	775	0.0%
65000	520620	EMPLOYEE EDUCATION	332	2,400	2,400	1,000	2,400	0.0%
65000	520625	TRAVEL	297	1,950	1,950	1,000	1,950	0.0%
65000	520970	MAINTENANCE-BUILDING & GROUNDS	41,344	34,000	34,000	34,000	34,000	0.0%
65000	521055	PROFESSIONAL SERVICES - OTHER	1,710	2,200	2,200	2,000	6,000	172.7%
65000	521120	DISPOSAL COST	315	1,500	1,500	1,500	1,500	0.0%
65000	521125	LEASED EQUIPMENT	3,999	4,100	4,100	4,000	4,100	0.0%
65000	521180	REPAIRS-CONTRACTUAL/LABOR	35,982	40,000	40,000	40,000	40,000	0.0%
65000	521185	REPAIRS-CONTRACTUAL/PARTS	23,592	25,000	25,000	25,000	25,000	0.0%
65000	521195	TELECOMMUNICATIONS	5,629	6,700	6,700	7,100	20,060	199.4%
65000	530100	OFFICE SUPPLIES	1,538	1,500	1,500	1,500	1,500	0.0%
65000	530105	OPERATING SUPPLIES	11,575	12,000	12,000	12,000	12,000	0.0%
65000	530225	SAFETY SUPPLIES	241	500	500	1,000	1,300	160.0%
65000	530300	GAS AND OIL	193,070	280,000	414,718	200,000	226,600	-19.1%
65000	530305	LICENSE PLATES	1,149	1,900	1,900	1,900	1,585	-16.6%
65000	530310	PARTS PURCHASED	93,318	90,000	90,000	90,000	90,000	0.0%
65000	530315	TIRES	14,337	14,000	14,000	14,000	14,000	0.0%
65000	530445	UNIFORMS	1,117	1,575	1,575	1,575	1,575	0.0%
65000	570155	VEHICLES	126,579	474,200	656,138	645,000	240,000	-49.4%
65000	580110	EQUIPMENT/CAPITAL OUTLAY	26,934	22,500	22,500	22,000	15,545	-30.9%
65000	590113	FACIL MAINT SERVICE CHARGE	10,000	9,000	9,000	9,000	9,400	4.4%
65000	590130	PW SERVICE CHARGE	13,200	13,900	13,900	13,900	14,500	4.3%
65000	590600	TRANSFER TO INSURANCE - HEALTH	47,869	49,200	49,200	47,000	50,900	3.5%
65000	590610	TRANSFER TO INSURANCE - GEN	11,900	13,400	13,400	13,400	12,600	-6.0%
65000	590650	TRANSFER TO EQUIP FUND - O&M	4,600	3,300	3,300	3,300	4,100	24.2%
65000	590655	TRANSFER TO EQUIP FUND - REPL	1,300	1,100	1,100	1,100	1,100	0.0%
TOTAL	EQUIPMENT SERVICES EXPENSES		\$ 1,004,827	\$ 1,450,900	\$ 1,767,556	\$ 1,533,025	\$ 1,186,865	-18.2%
TOTAL	EQUIPMENT SERVICES FUND		\$ 725,276	\$ 132,800	\$ (183,856)	\$ 45,675	\$ 327,335	146.5%

Available Cash Analysis

Available, January 1, 2016	\$ 3,737,774
Preliminary FY2016 inflow / (outflow)	\$ 45,675
Budgeted FY2017 inflow / (outflow)	\$ 327,335
Projected Available, December 31, 2017	<u>\$ 4,110,784</u>

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES

2017 BUDGET

6500 EQUIPMENT SERVICES REVENUES

6500 440650 - EQUIPMENT O&M - GWA	37,900
EQUIPMENT O&M - GWA	37,900
6500 440660 - GAS SOLD TO GE PARK DISTRICT	20,000
FUEL SOLD TO GLEN ELLYN PARK DISTRICT	20,000
6500 460100 - INVESTMENT INCOME	5,000
INVESTMENT INCOME	5,000
6500 489000 - MISC REVENUE / SALE OF EQUIP	20,000
MISC REVENUE / SALE OF EQUIPMENT	20,000
6500 490654 - EQUIP O&M/REPLC - PW ADMIN	47,700
EQUIPMENT O&M/REPLACEMENT	47,700
6500 490656 - EQUIP O&M/REPLC - PW FORESTRY	198,700
EQUIPMENT O&M/REPLACEMENT	198,700
6500 490657 - EQUIP O&M/REPLAC - PW STR	354,900
EQUIPMENT O&M/REPLACEMENT	354,900
6500 490658 - EQUIP O&M/REPLC - FACILITIES	22,600
EQUIPMENT O&M/REPLACEMENT	22,600
6500 490659 - EQUIP O&M/REPLAC - POL OPS	272,200
EQUIPMENT O&M/REPLACEMENT	272,200
6500 490660 - EQUIP O&M/REPLC - POLICE AD	39,500
EQUIPMENT O&M/REPLACEMENT	39,500
6500 490661 - EQUIP O&M/REPLAC - POL INV	78,800
EQUIPMENT O&M/REPLACEMENT	78,800
6500 490662 - EQUIP O&M/REPLC - FIRE	133,900
EQUIPMENT O&M/REPLACEMENT	133,900

**FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES**

	2017 BUDGET
6500 490664 - EQUIP O&M/REPLC - PLANNING	6,700
EQUIPMENT O&M/REPLACEMENT	6,700
6500 490668 - EQUIP O&M/REPLC - WATER	125,200
EQUIPMENT O&M/REPLACEMENT	125,200
6500 490670 - EQUIP O&M/REPLC - SEWER	145,900
EQUIPMENT O&M/REPLACEMENT	145,900
6500 490672 - EQUIP O&M/REPLC - EQUIP MAINT	5,200
EQUIPMENT O&M/REPLACEMENT	5,200
TOTAL EQUIPMENT SERVICES REVENUES	1,514,200

65000 EQUIPMENT SERVICES EXPENDITURE

65000 510100 - SALARIES - PENSIONABLE	267,950
ESD SUPERINTENDENT	103,190
(2) ESD MECHANIC II	164,760
65000 510120 - SALARIES - NON PENSIONABLE	23,225
FLEET ASSISTANT	23,225
65000 510200 - OVERTIME	10,000
OVERTIME	10,000
65000 510400 - FICA TAXES	23,100
FICA 7.65%	23,100
65000 510500 - IMRF EMPLOYER CONTRIBUTIONS	30,100
EMPLOYER IMRF CONTRIBUTIONS @ 10.82%	30,100
65000 520600 - DUES-SUBSCRIPTIONS-REG FEES	775
NATIONAL ASSOCIATION OF FLEET MANAGERS	500
MUNICIPAL FLEET MANAGERS ASSOCIATION	50
ASE	75
IFAMA DUES	150

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES

	2017 BUDGET
65000 520620 - EMPLOYEE EDUCATION	2,400
TRAINING- SUPERINTENDENT	600
ASE TESTING - 3 TECHS	600
TRAINING- MECHANIC II	600
TRAINING- MECHANIC II	600
65000 520625 - TRAVEL	1,950
PW I-PASS	600
TRAINING LODGING - SUPERINTENDENT	450
TRAINING LODGING - MECHANIC II	450
TRAINING LODGING - MECHANIC II	450
65000 520970 - MAINTENANCE-BUILDING & GROUNDS	34,000
FUEL ISLAND MAINTENANCE	3,000
YARD GATE MAINTENANCE	2,000
VEHICLE LIFT MAINTENANCE	3,000
REFINISH ESD	25,000
PRESSURE WASHER MAINTENANCE	1,000
65000 521055 - PROFESSIONAL SERVICES - OTHER	6,000
CFA FLEET SOFTWARE ANNUAL SUPPORT	1,800
NEW - FORD TECH SUPPORT	4,200
65000 521120 - DISPOSAL COST	1,500
SPECIAL WASTE DISPOSAL	1,500
65000 521125 - LEASED EQUIPMENT	4,100
G & K SERVICES	2,000
HERITAGE - CRYSTAL	1,800
TERRACE SUPPLY	300
65000 521180 - REPAIRS-CONTRACTUAL/LABOR	40,000
SUBLET REPAIR LABOR	40,000
65000 521185 - REPAIRS-CONTRACTUAL/PARTS	25,000
SUBLET REPAIR PARTS	25,000

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES

2017 BUDGET

65000 521195 - TELECOMMUNICATIONS	20,060
NETWORKFLEET GPS (NEW - \$13400 FOR ADDITIONAL 57 GPS UNITS)	18,600
VERIZON - 2 CELL PHONES	800
PHONE STIPEND-PATSCH	360
GPS TRANSFER FEES	300
65000 530100 - OFFICE SUPPLIES	1,500
OFFICE SUPPLIES	1,500
65000 530105 - OPERATING SUPPLIES	12,000
OPERATING SUPPLIES	12,000
65000 530225 - SAFETY SUPPLIES	1,300
FIRST AID	200
SAFETY SHOES	800
MECHANICS SAFETY GLOVES	300
65000 530300 - GAS AND OIL	226,600
UNLEADED 70000 GALLONS @ \$2.00	140,000
DIESEL 30000 GALLONS @ \$2.20	66,000
OIL & GREASE	20,000
CNG 600 GAS GALLON EQUIVALENT (GGE) @ \$1.00	600
65000 530305 - LICENSE PLATES	1,585
SQUAD 01	105
SQUAD 03	105
SQUAD 07	105
SQUAD 18	105
8 POLICE RENEWALS	850
PW 212	105
PW 222	105
PW 245	105
65000 530310 - PARTS PURCHASED	90,000
VEHICLE AND EQUIPMENT REPLACEMENT PARTS	90,000

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES

2017 BUDGET

65000 530315 - TIRES	14,000
REPLACEMENT TIRES	14,000
65000 530445 - UNIFORMS	1,575
MECHANIC II	450
MECHANIC II	450
SUPERINTENDENT	450
FLEET ASSISTANT	225
65000 570155 - VEHICLES	240,000
REPLACE POLICE PATROL SQUAD 01	35,000
REPLACE POLICE PATROL SQUAD 03	35,000
REPLACE POLICE PATROL SQUAD 07	35,000
REPLACE POLICE PATROL SQUAD 18	35,000
LEASE POLICE H-D PATROL MOTORCYCLE	10,000
REPLACE PW 212 DIRECTORS VEHICLE	35,000
REPLACE PW 222 ENGINEERS VEHICLE	30,000
REPLACE PW 245 UTILITY INSPECTOR VEHICLE	25,000
65000 580110 - EQUIPMENT/CAPITAL OUTLAY	15,545
DIAGNOSTIC EQUIPMENT SOFTWARE UPDATE FORD IDS	1,600
INTERNATIONAL UPDATE	1,400
SNAP-ON SCANNER UPDATE	2,000
57 GPS FLEET TRACKING MODULES	10,545
65000 590113 - FACIL MAINT SERVICE CHARGE	9,400
FACILITIES MAINTENANCE SERVICE CHARGE	9,400
65000 590130 - PW SERVICE CHARGE	14,500
IFT - PUBLIC WORKS SERVICE CHARGE	14,500
65000 590600 - TRANSFER TO INSURANCE - HEALTH	50,900
HEALTH INSURANCE TRANSFER TO INSURANCE FUND	50,900
65000 590610 - TRANSFER TO INSURANCE - GEN	12,600
GENERAL INSURANCE TRANSFER TO INSURANCE FUND	12,600

FUND: EQUIPMENT SERVICES
DEPARTMENT: PUBLIC WORKS
ORGANIZATION: EQUIPMENT SERVICES

2017 BUDGET

65000 590650 - TRANSFER TO EQUIP FUND - O&M	4,100
IFT - ESD O&M	4,100
65000 590655 - TRANSFER TO EQUIP FUND - REPL	1,100
IFT- ESD REPLACEMENT FUND FOR FUEL ISLAND	1,100
TOTAL EQUIPMENT SERVICES EXPENDITURES	1,186,865

VILLAGE OF GLEN ELLYN
FISCAL YEAR 2017 ANNUAL BUDGET
PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - EQUIPMENT SERVICES

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>	<u>FY 15 Budgeted Employees</u>	<u>FY16 Budgeted Employees</u>	<u>FY17 Budgeted Employees</u>
Equipment Services Superintendent	FT	N	1.00	1.00	1.00	1.00	1.00
Equipment Mechanic II	FT	J	2.00	2.00	2.00	2.00	2.00
Fleet Assistant I ¹	PT	E	0.40	0.40	0.40	0.40	0.40
TOTAL EMPLOYEES (Full-time Equivalents)			3.40	3.40	3.40	3.40	3.40
Full-time Number of Positions			3	3	3	3	3
Part-time Number of Positions			1	1	1	1	1

1 Previously titled Inventory Clerk

* Information regarding salary ranges can be found in the appendix.

EQUIPMENT SERVICES REPLACEMENT SCHEDULE

Current year:		2016		Computes depreciation amounts for calendar year:										2017									
Dept.Division & Vehicle No.	Service Date	Vehicle Description	Vehicle Cost	Econ. Life	Dep Rate	Repl Cost	Yrs Left	Prior Contrib	Contrib. To Date	Remaining Contrib	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Public Works - Administration																							
212	2008	2009 Ford Expedition	Director's vehicle	27,200	7	4%		34,816	0	34,816													
216	2007	2008 Ford Escape	Asst. Dir. Vehicle	23,000	7	4%		29,440	-1	29,440	34,816	0	0	0	0	0	0	0	0	0	0	0	
219 (new vehicle)	2015	2016 Ford Transit conned	Engineer's van	23,221	1	0%		23,221	1	0	29,440	0	0	0	0	0	0	0	0	0	0	0	
219	2015	2016 Ford Transit conned	Engineer's van	23,221	10	4%		32,509	10	0	23,221	23,221	23,221	0	0	0	0	0	0	0	0	0	
222	2004	2004 Ford Taurus Wgn.	Engineer's wagon	17,300	7	4%		22,144	-4	22,144	3,251	3,251	3,251	3,251	3,251	3,251	3,251	3,251	3,251	3,251	3,251	3,251	
FUEL ISLAND	2012			18,000	20	0%		18,000	17	3,465	4,320	14,535	855	855	855	855	855	855	855	855	855	855	
				131,942				160,130		89,865	117,192	70,265	27,327	4,106	4,106	4,106	4,106	4,106	4,106	4,106	4,106	855	
Public Works - Streets / Forestry																							
200	2005	2006 I.H. 7400	6 wheel dump	96,300	10	4%		134,820	0	134,820	134,820	0	0	0	0	0	0	0	0	0	0	0	
201	2015	2016	6 wheel dump	195,000	10	4%		273,000	10	0	27,300	273,000	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	27,300	
202	2009	2010 I.H. 7400	6 wheel dump	155,300	10	4%		217,420	4	142,876	161,512	74,544	18,636	18,636	18,636	18,636	18,636	18,636	18,636	18,636	18,636	18,636	
203	2012	2012 I.H. 7400	6 wheel dump	157,400	10	4%		220,360	7	81,533	101,365	138,827	19,832	19,832	19,832	19,832	19,832	19,832	19,832	19,832	19,832	19,832	
204	2009	2010 I.H. 7400	10 wheel dump	177,900	10	4%		249,060	4	163,668	185,016	85,392	21,348	21,348	21,348	21,348	21,348	21,348	21,348	21,348	21,348	21,348	
206	2012	Ford F550/Altec AT37G	42' aerial elect. truck	86,700	10	4%		121,380	7	44,910	55,834	76,470	10,924	10,924	10,924	10,924	10,924	10,924	10,924	10,924	10,924	10,924	
213	2012	2013 Snogo	Snow blower	92,600	15	3%		134,270	12	28,853	35,804	107,417	8,951	8,951	8,951	8,951	8,951	8,951	8,951	8,951	8,951	8,951	
221	2012	2008 Ford F150	Pickup truck	26,400	3	4%		29,568	0	29,568	29,568	0	0	0	0	0	0	0	0	0	0	0	
231	2008	2008 Ford F450	1 ton dump truck	56,900	7	4%		72,832	0	72,832	72,832	0	0	0	0	0	0	0	0	0	0	0	
232	2012	2014 Ford F350	1 ton dump truck	62,000	7	5%		83,700	4	35,871	47,828	47,828	11,957	11,957	11,957	11,957	11,957	11,957	11,957	11,957	11,957	11,957	
233	2012	2014 Ford F350	1 ton dump truck	61,000	7	5%		82,350	4	35,292	47,057	47,057	11,765	11,765	11,765	11,765	11,765	11,765	11,765	11,765	11,765	11,765	
238	2008	2008 Ford F350	1 ton dump truck	54,700	7	4%		70,016	0	70,016	70,016	0	0	0	0	0	0	0	0	0	0	0	
239	2005	2005 DynaPac CC142	Roller	37,150	15	3%		53,868	5	38,155	41,298	15,713	3,143	3,143	3,143	3,143	3,143	3,143	3,143	3,143	3,143	3,143	
241	2009	2009 Ford F350	1 ton dump truck	48,600	7	4%		62,208	1	55,543	6,665	6,665	0	0	0	0	0	0	0	0	0	0	
246	2005	2005 Case 721D	Front end loader	134,377	10	4%		188,128	0	188,128	188,128	0	0	0	0	0	0	0	0	0	0	0	
247	2005	2005 Vermeer SC60tx	Stump Grinder	35,000	10	4%		49,000	0	49,000	49,000	0	0	0	0	0	0	0	0	0	0	0	
248	2015	2016 Ford F350	Pickup truck	31,600	7	4%		40,448	7	0	5,778	40,448	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	
259	2012	2013 Elgin Pelican NP	Sweeper	180,500	7	5%		243,675	4	104,433	139,244	139,242	34,811	34,811	34,811	34,811	34,811	34,811	34,811	34,811	34,811	34,811	
250	2010	2011 Freightliner M2 106	60' Forestry bucket	135,747	10	4%		190,046	5	106,901	123,530	83,145	16,629	16,629	16,629	16,629	16,629	16,629	16,629	16,629	16,629	16,629	
251	2012	2012 I.H. 7400	6 wheel dump	157,400	10	4%		220,360	7	66,108	88,144	154,252	22,036	22,036	22,036	22,036	22,036	22,036	22,036	22,036	22,036	22,036	
253	2012	John Deere X749	Tractor w/broom etc.	20,900	5	4%		25,080	2	17,055	21,068	8,025	4,013	4,013	4,013	4,013	4,013	4,013	4,013	4,013	4,013	4,013	
254	2015	2016 Ford F350	Pickup truck	31,600	7	4%		40,448	7	0	5,778	40,448	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	5,778	
255	2008	2008 Ford F350	Sign Truck	44,600	7	4%		57,088	0	57,088	57,088	0	0	0	0	0	0	0	0	0	0	0	
260	2008	2008 Ford F350	1 ton dump truck	54,900	7	4%		70,272	0	70,272	70,272	0	0	0	0	0	0	0	0	0	0	0	
265	2013	2016 JCB	Loadall	106,800	15	4%		170,880	13	29,440	40,320	141,440	10,880	10,880	10,880	10,880	10,880	10,880	10,880	10,880	10,880	10,880	
510	2010	2011 Bandit 1890 XP	Brush Chipper	43,980	10	4%		61,572	5	34,635	40,022	26,937	5,387	5,387	5,387	5,387	5,387	5,387	5,387	5,387	5,387	5,387	
514	1989	Ingersol comp.	Compressor	0	1	3%		0	-25	0	0	0	0	0	0	0	0	0	0	0	0	0	
10-200	2009	Snow plow		11,700	10	4%		16,380	4	10,764	12,168	5,616	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	
10-201	2009	Snow plow		11,300	10	4%		15,820	4	10,396	11,752	5,424	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	
10-202	2009	Snow plow		11,300	10	4%		15,820	4	10,396	11,752	5,424	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	
10-203	2009	Snow plow		11,700	10	4%		16,380	4	10,764	12,168	5,616	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	1,404	
10-204	2009	Snow plow		12,000	10	4%		16,800	4	11,040	12,480	5,760	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	
10-251	2009	Snow plow		11,300	10	4%		15,820	4	10,396	11,752	5,424	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	
502	2005	2006 Landoll	Tilt Tag Trailer	9,200	15	3%		13,340	5	9,448	10,226	3,892	778	778	778	778	778	778	778	778	778	778	
509	1994	Rayco Stumper	Stump grinder	0		3%		0		0	0	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			165,000	20	0%		165,000	17	31,763	39,600	133,237	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	
				2,528,854				3,437,208		1,759,964	2,022,729	1,677,244	262,765	256,100	252,088	252,088	145,255	119,318	119,318	54,969	54,969	54,969	
Facilities Maintenance																							
218	2010	2010 Ford Transit Conne	Van	20,400	10	4%		28,560	5	15,053	17,754	13,507	2,701	2,701	2,701	2,701	2,701	2,701	2,701	2,701	2,701	2,701	
223	2008	2008 Dodge Sprinter	Van	39,400	7	4%		50,432	0	50,432	50,432	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			10,000	20	0%		10,000	17	1,925	2,400	8,075	475	475	475	475	475	475	475	475	475	475	
				69,800				88,992		67,410	70,586	21,582	3,176	3,176	3,176	3,176							
Police																							
001	2012	2013 Ford Expedition	Sergeant vehicle	30,900	3	4%		34,608	0	34,608	34,608	0	0	0	0	0	0	0	0	0	0	0	
002	2013	2014 Ford Explorer	Patrol vehicle	34,300	3	3%		37,387	1	24,507	37,387	12,880	12,880	0	0	0	0	0	0	0	0	0	
003	2012	2012 Chevy Impala	Patrol vehicle	22,600	3	3%		24,634	0	24,634	24,634	0	0	0	0	0	0	0	0	0	0	0	
004	2014	2016 Ford Explorer	Patrol vehicle	32,600	3	3%		35,534	2	11,845	23,690	23,689	11,										

EQUIPMENT SERVICES REPLACEMENT SCHEDULE

2017

2016

Computes depreciation amounts for calendar year:

Current year:

Dept.Division & Vehicle No.	Service Date	Vehicle Description	Vehicle Cost	Econ. Life	Dep Rate	Repl Cost	Yrs Left	Prior Contrib	Contrib. To Date	Remaining Contrib	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
020	2008	2008 Ford Escape	CSO vehicle	21,300	7	4%	27,264	0	27,264	27,264	0	0	0	0	0	0	0	0	0	0	0	0	0	
022	2008	2008 Chevy Impala	Unmarked vehicle	22,400	7	3%	27,104	0	27,104	27,104	0	0	0	0	0	0	0	0	0	0	0	0	0	0
025	2010	2010 Ford Explorer	Dpty Chief vehicle	27,550	7	3%	33,336	2	27,116	30,226	6,220	3,110	3,110	0	0	0	0	0	0	0	0	0	0	0
026	2013	2014 Ford Explorer	Dpty Chief vehicle	31,900	7	3%	38,599	5	11,042	16,553	27,557	5,511	5,511	5,511	5,511	5,511	0	0	0	0	0	0	0	0
027	2015	2016 Ford Expedition	Chief's vehicle	37,784	5	3%	43,452	5	0	8,690	43,452	8,690	8,690	8,690	8,690	8,690	0	0	0	0	0	0	0	0
FUEL ISLAND	2012			444,000	20	0%	444,000	17	85,470	106,560	358,530	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	
Fire Company				1,051,334			1,137,885		541,245	675,510	587,540	134,265	90,177	48,535	35,292	35,292	21,090	21,090	21,090	21,090	21,090	21,090	21,090	
FUEL ISLAND	2012			139,000	20	0%	139,000	17	26,758	33,360	112,242	6,602	6,602	6,602	6,602	6,602	6,602	6,602	6,602	6,602	6,602	6,602	6,602	
Planning & Development																								
217	2007	2007 Toyota Prius	Inspector	21,300	7	4%	27,264	-1	27,264	27,264	0	0	0	0	0	0	0	0	0	0	0	0	0	
211	2008	2009 Ford Escape	Inspector	16,800	7	4%	21,504	0	21,504	21,504	0	0	0	0	0	0	0	0	0	0	0	0	0	
220	2008	2009 Ford Escape	Inspector	16,800	7	4%	21,504	0	21,504	21,504	0	0	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			8,000	20	0%	8,000	17	1,540	1,920	6,460	380	380	380	380	380	380	380	380	380	380	380	380	
TOTAL GENERAL FUND				3,983,830			5,041,488		2,557,054	2,991,570	2,475,334	434,516	360,542	314,888	301,644	194,812	151,972	151,972	87,622	87,622	87,622	57,071	57,071	
Parking Fund																								
207	2000	sold		24,000	7	3%	29,040	-8	29,040	29,040	0	0	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			24,000			29,040		29,040	29,040	0	0	0	0	0	0	0	0	0	0	0	0	0	
Water Fund																								
205	2003	2004 IH 7400	10 wheel dump	66,182	12	4%	97,949	0	97,949	97,949	0	0	0	0	0	0	0	0	0	0	0	0	0	
208	2007	2008 Ford Escape	Util. Supt. Vehicle	23,300	7	4%	29,824	-1	29,824	29,824	0	0	0	0	0	0	0	0	0	0	0	0	0	
209	2010	JCB 3CX15	Backhoe	94,606	10	4%	132,448	5	74,502	86,091	57,946	11,589	11,589	11,589	11,589	5,386	5,386	5,386	0	0	0	0	0	
224	2013	2014 Ford Transit Conne	JULIE truck	31,850	7	3%	38,539	5	11,609	16,995	26,930	5,386	5,386	5,386	5,386	0	0	0	0	0	0	0	0	
226	2008	2008 Ford F350	Pickup truck	26,600	7	4%	34,048	0	34,048	34,048	0	0	0	0	0	0	0	0	0	0	0	0	0	
227	2015	2016 Ford F350	Pickup truck	32,750	7	4%	41,920	7	0	5,989	41,920	5,989	5,989	5,989	5,989	5,989	5,989	5,989	0	0	0	0	0	
228	2009	2009 Ford F550	Crane/utility truck	88,300	7	4%	113,024	1	100,915	113,024	12,109	12,109	0	0	0	0	0	0	0	0	0	0	0	
229	2009	2009 Ford E250	Van	18,600	7	4%	23,808	1	21,257	23,808	2,551	2,551	0	0	0	0	0	0	0	0	0	0	0	
270	2014	2016 Ford F450	Utility vehicle	80,050	7	4%	102,464	6	14,629	29,268	87,835	14,639	14,639	14,639	14,639	5,989	5,989	5,989	5,989	0	0	0	0	
271	2015	2016 Ford F350	Pickup truck	32,750	7	4%	41,920	7	0	41,920	5,989	5,989	5,989	5,989	5,989	5,989	5,989	5,989	0	0	0	0	0	
515	1999	Sullivan comp.	Compressor	11,882	15	3%	17,229	-1	17,229	17,229	0	0	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			70,000	20	0%	70,000	17	13,475	16,800	56,525	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	
Sewer Fund				576,870			743,173		415,437	471,025	327,736	61,576	46,916	46,916	46,916	29,941	15,302	3,325	3,325	3,325	3,325	3,325	3,325	
210	2002	JCB Backhoe	Backhoe	57,389	10	4%	80,345	-3	80,345	80,345	0	0	0	0	0	0	0	0	0	0	0	0	0	
214	2012	2014 Caterpillar 938K	Front end loader	180,200	15	7%	369,410	12	73,881	98,508	295,529	24,627	24,627	24,627	24,627	24,627	24,627	24,627	24,627	24,627	24,627	24,627	24,627	
230	2005	2006 IH 7400 Vactor	Vactor 2110	231,200	10	3%	300,560	0	300,560	300,560	0	0	0	0	0	0	0	0	0	0	0	0	0	
234	2006	2006 IH 7400 Dump	10 wheel dump	76,797	10	4%	107,516	1	99,452	107,516	8,064	8,064	0	0	0	0	0	0	0	0	0	0	0	
242	2010	2010 IH 4300 Vactor	Vactor Ramjet	174,985	10	4%	244,979	5	137,802	159,237	107,177	21,435	21,435	21,435	21,435	21,435	0	0	0	0	0	0	0	
243	2008	2008 Ford F450	1 ton dump truck	42,540	7	4%	54,451	0	54,451	54,451	0	0	0	0	0	0	0	0	0	0	0	0	0	
244	2008	2008 Ford F450	1 ton dump truck	40,900	7	4%	52,352	0	52,352	52,352	0	0	0	0	0	0	0	0	0	0	0	0	0	
245	2008	2008 Dodge Caravan	Inspector vehicle	19,400	7	4%	24,832	0	24,832	24,832	0	0	0	0	0	0	0	0	0	0	0	0	0	
252	2008	2008 JCB 190 II	Skid steer	37,800	10	4%	52,920	3	40,685	44,763	12,235	4,078	4,078	4,078	4,078	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			74,000	20	0%	74,000	17	14,245	17,760	59,755	3,515	3,515	3,515	3,515	3,515	3,515	3,515	3,515	3,515	3,515	3,515	3,515	
Equipment Services Fund				935,211			1,361,365		878,605	940,325	482,760	61,720	53,656	53,656	49,578	49,578	28,142	28,142	28,142	28,142	28,142	28,142	28,142	
300	2006	2007 Ford 250	Service truck	32,375	7	3%	39,174	-2	39,174	39,174	0	0	0	0	0	0	0	0	0	0	0	0	0	
FUEL ISLAND	2012			23,000	20	0%	23,000	17	4,428	5,520	18,572	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092	1,092	
TOTAL - ALL FUNDS				5,575,286			7,237,239		3,923,738	4,476,654	3,304,401	558,905	462,207	416,553	399,231	292,399	211,148	196,509	120,182	120,182	120,182	89,631	89,631	