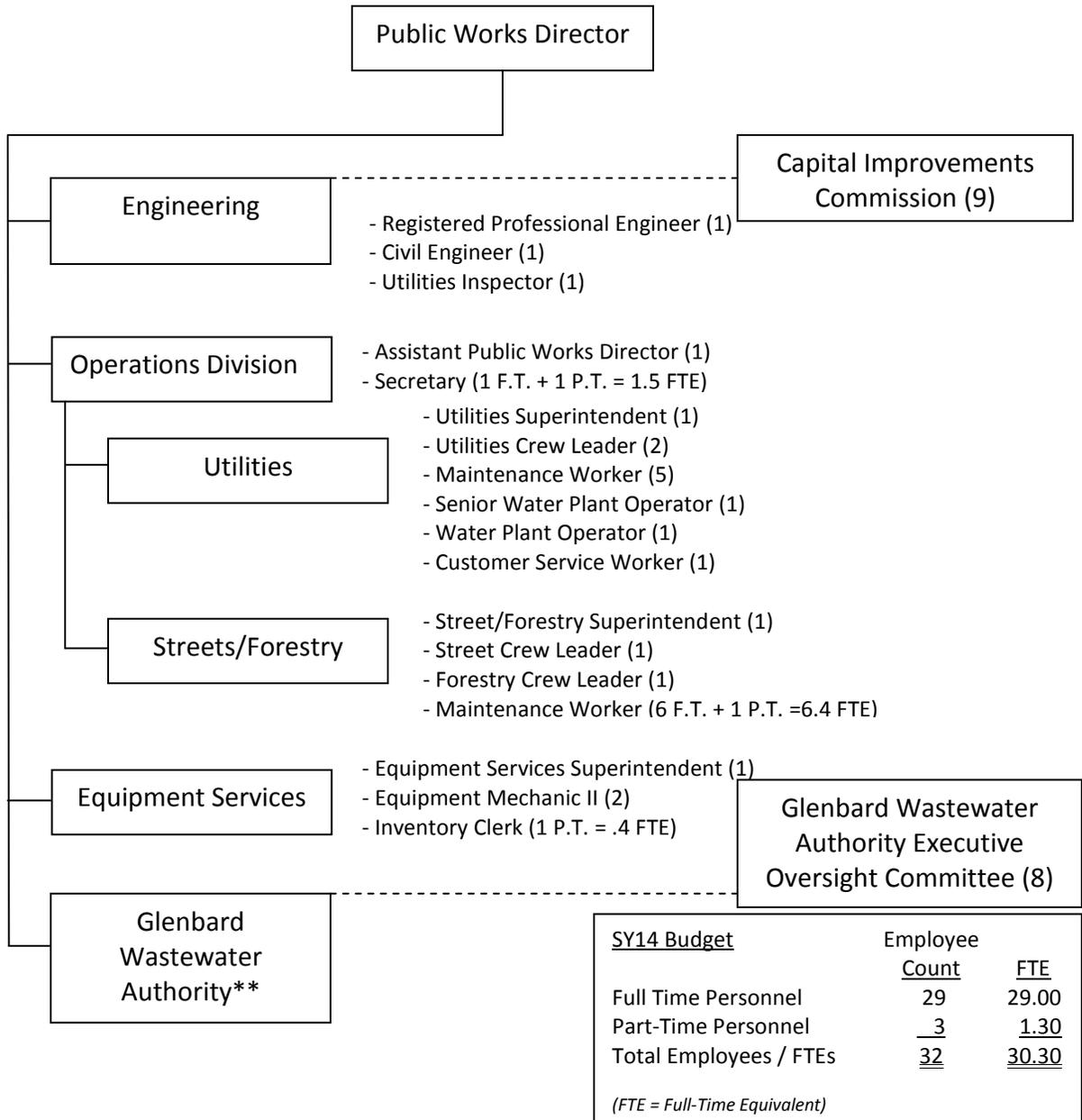


Table of Contents

VIII. PUBLIC WORKS DEPARTMENT

Organizational Chart	8-2
Public Works Department Narrative	8-3
Public Works Department Budget Summary	8-5
Administration & Engineering Narrative	8-7
Administration & Engineering Budget.....	8-15
Operations Narrative.....	8-18
Operations Summary	8-23
Operations- Streets Budget.....	8-25
Operations- Forestry Budget.....	8-28
Parking Fund	8-32
Water & Sanitary Sewer Fund Narrative	8-35
Water & Sanitary Sewer Fund Summary	8-38
Water & Sanitary Sewer Fund Revenues.....	8-39
Water Division Budget.....	8-43
Sanitary Sewer Division Budget.....	8-51
Equipment Services Fund Narrative	8-59
Equipment Services Fund Budget.....	8-63
Equipment Services Depreciation Schedule	8-71

PUBLIC WORKS DEPARTMENT SY14



	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>SY14</u>
<u>Budgeted Full-Time Employees</u>										
Administration / Engineering	7	7	5	7	6	6	6	6	6	6
Equipment Services	3	3	3	3	3	3	3	3	3	3
Streets / Forestry *	10	0	0	0	0	0	0	9	9	9
Utilities *	12	0	0	0	0	0	0	11	11	11
Operations *	0	19	21	19	19	19	19	0	0	0
Total FT	32	29	29	29	28	28	28	29	29	29

* 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.

** Separate intergovernmental agreement agency with 14 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 also oversees the daily operation of 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 improved each year.

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 five 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. 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/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 140 vehicles and hundreds of 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:

- 86 miles of roadway
- approx. 850 street lights (Village owned)
- approx. 15,500 parkway trees
- approx. 4,000 street and traffic signs
- Downtown benches and trash receptacles
- 70 miles of storm sewer mains
- 4,400 storm sewer inlets, basins and manholes
- 1,265 fire hydrants
- 147 miles of water mains
- approx 8,200 water service valves
- 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
- 2,000 sanitary sewer manholes

GENERAL FUND
PUBLIC WORKS DEPARTMENT
Summary of Public Works activity

Village of Glen Ellyn
SY14 Budget

Fund #	Public Works Department Expenditure totals	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	SY14 8 Month Budget
100	Admin. & Engineering					
	Operations	\$ 772,777	\$ 891,196	\$ 674,963	\$ 655,950	\$ 501,010
	Capital	-	-	-	-	-
	Admin. & Engineering Total	772,777	891,196	674,963	655,950	501,010
100	Street/Forestry					
	Operations	\$ 1,931,626	\$ 1,799,980	\$ 2,297,826	\$ 2,213,000	\$ -
	Capital	9,662	17,297	38,300	38,300	-
	Street/Forestry Total	1,941,288	1,817,277	2,336,126	2,251,300	-
100	Forestry					
	Operations	\$ -	\$ -	\$ -	\$ -	\$ 710,025
	Capital	-	-	-	-	5,500
	Forestry Total	-	-	-	-	715,525
100	Street					
	Operations	\$ -	\$ -	\$ -	\$ -	\$ 881,015
	Capital	-	-	-	-	12,700
	Street Total	-	-	-	-	893,715
	General Fund Total					
	Operations	\$ 2,704,403	\$ 2,691,176	\$ 2,972,789	\$ 2,868,950	\$ 2,092,050
	Capital	9,662	17,297	38,300	38,300	18,200
	General Fund Total	2,714,065	2,708,473	3,011,089	2,907,250	2,110,250
500	Utilities - Water					
	Operations	\$ 3,701,463	\$ 4,769,715	\$ 5,721,530	\$ 5,730,500	\$ 3,910,310
	Capital	767,172	806,581	2,841,849	1,695,000	2,039,900
	Utilities - Water Total	4,468,635	5,576,296	8,563,379	7,425,500	5,950,210
500	Utilities - Sewer					
	Operations	\$ 4,427,020	\$ 4,451,136	\$ 4,830,202	\$ 4,852,300	\$ 3,464,010
	Capital	563,204	1,094,510	2,967,764	1,310,000	1,256,000
	Utilities - Sewer Total	4,990,224	5,545,646	7,797,966	6,162,300	4,720,010
	Water/Sanitary Sewer Fund					
	Operations	\$ 8,128,483	\$ 9,220,851	\$ 10,551,732	\$ 10,582,800	\$ 7,374,320
	Capital	1,330,376	1,901,091	5,809,613	3,005,000	3,295,900
	Water/Sanitary Sewer Fund Total	9,458,859	11,121,942	16,361,345	13,587,800	10,670,220
530	Parking Fund					
	Operations	\$ 200,919	\$ 258,532	\$ 278,500	\$ 220,300	\$ 181,100
	Capital	-	81,839	682,100	743,500	80,000
	Parking Fund Total	200,919	340,371	960,600	963,800	261,100
650	Equipment Services Fund					
	Operations	\$ 877,078	\$ 916,358	\$ 1,013,200	\$ 1,004,325	\$ 1,219,230
	Capital	232,524	942,487	927,800	1,088,986	582,200
	Equipment Services Fund Total	1,109,602	1,858,845	1,941,000	2,093,311	1,801,430
210	Motor Fuel Tax Fund					
	Operations	\$ 656,643	\$ 616,356	\$ 656,000	\$ 720,000	\$ 480,000
	Capital	-	-	250,000	40,000	500,000
	Motor Fuel Tax Fund Total	656,643	616,356	906,000	760,000	980,000
400	Capital Projects Fund					
	Operations	\$ 13,058	\$ 223,608	\$ 267,500	\$ 206,500	\$ 287,500
	Capital	4,076,954	5,574,622	5,739,000	6,255,500	7,207,000
	Capital Projects Fund Total	4,090,012	5,798,230	6,006,500	6,462,000	7,494,500
	Public Works Total					
	Operations	\$ 12,580,584	\$ 13,926,881	\$ 15,739,721	\$ 15,602,875	\$ 10,043,160
	Capital	5,649,516	8,517,336	13,446,813	11,171,286	11,665,100
	Public Works Total	18,230,100	22,444,217	29,186,534	26,774,161	21,708,260

VILLAGE OF GLEN ELLYN
 SY 14 ANNUAL BUDGET
 PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY10/11 Budgeted Employees</u>	<u>FY11/12 Budgeted Employees</u>	<u>FY12/13 Budgeted Employees</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 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
Civil Engineer	FT	O	1.00	1.00	1.00	1.00	1.00
Engineer, P.E.	FT	TBD	-	-	-	-	-
Utilities Inspector	FT	J	1.00	1.00	1.00	1.00	1.00
Engineering Intern	PT	N/A	0.42	0.42	0.42	0.42	0.21
Administrative Assistant II	FT/PT	F	-	-	-	1.50	1.50
Administrative Assistant I	FT/PT	D	1.50	1.50	1.50	-	-
			<u>6.92</u>	<u>6.92</u>	<u>6.92</u>	<u>6.92</u>	<u>6.71</u>
<u>Operations Division</u>							
Street/Forestry Superintendent	FT	N	-	-	-	1.00	1.00
Utilities Superintendent	FT	N	-	-	-	1.00	1.00
Sr Water Plant Operator	FT	L	1.00	1.00	1.00	1.00	1.00
Village Forester	PT	L	0.60	0.60	0.60	-	-
Crew Leader II	FT	J	-	-	-	1.00	-
Water Plant Operator I	FT	I	-	-	-	1.00	1.00
Crew Leader I	FT	I	3.00	3.00	3.00	3.00	4.00
Project Coordinator	FT	G	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	-	-	-	-	-
Maintenance Worker II	FT/PT	F	9.30	9.30	9.30	5.40	4.40
Maintenance Worker I	FT	E	-	4.00	4.00	6.00	7.00
Forestry Intern	PT	N/A	0.19	0.19	-	-	0.19
Seasonal Staff	PT	N/A	3.57	3.57	3.57	3.57	3.57
			<u>19.66</u>	<u>23.66</u>	<u>23.47</u>	<u>23.97</u>	<u>24.16</u>
<u>Equipment Services Division</u>							
Equipment Services Superintendent	FT	N	-	-	-	1.00	1.00
Equipment Services Supervisor	FT	L	1.00	1.00	1.00	-	-
Equipment Mechanic II	FT	J	2.00	2.00	2.00	2.00	2.00
Administrative 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>29.98</u>	<u>33.98</u>	<u>33.79</u>	<u>34.29</u>	<u>34.27</u>
Full-time Number of Positions			28	28	28	29	29
Part-time Number of Positions			4	48	48	48	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, Civil Engineer, Utilities Inspector, and one full-time and one part-time Secretary.

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, monitoring tree inventories, processing invoices, completing required reports and handling of all department correspondence, requests for proposals and bid documents. The Public Works Director oversees the Glenbard Wastewater Authority, an intergovernmental agency serving Glen Ellyn and Lombard.

The engineering group 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 FY14:

1. Snow removal operations were a significant part of administrative duties during the winter of 2013/14 due to the record breaking cold temperatures and snow fall amounts. During the first two thirds of the winter, Operations responded to 32 snow and ice removal events with 59" of snow, 23 days of sub-zero temperatures and used 2,700 tons of bulk road salt. This winter is the third snowiest and fifth coldest Chicago winter on record.
2. Administration of \$35,000 grant dollars obtained for parkway tree planting.
3. Received and responded to approximately 9,050 phone calls, processed approximately 1,500 work orders/resident service requests as well as 1,725 invoices, reviewed 115 work-in-the-parkway applications, and scheduled approximately 1,700 customer service appointments.
4. Enhanced all data pertaining to Public Works on the new Village website.
5. Implemented the Village's new performance evaluation and year end review process.

Public Work's Maintenance employee review forms were modified to be more task and equipment operation orientated to improve performance and create more meaningful goals.

6. Implemented the Village's new budget process transitioning to a calendar year budget and increasing cost centers for better accounting of expenses.
7. Over the 24 months, nine employees were hired to fill open positions.
8. Used the Public Service Announcement video to educate the public of tree planting in the parkway.
9. Successfully implemented Cartegraph WorkDirector module with all employees entering their time electronically. All labor and vehicle hours are directly linked to work orders and activities improving work management and cost accounting.
10. 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 monthly reports focus on updating our team of departmental activities as well as monitoring Key Performance Indicators (KPI) for each Division. A quarterly report is provided to the Village for inclusion on Glen Ellyn's website.

Administration Goals for SY14

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. Future vision of this software package will allow residents to report, submit, and track work orders online and with mobile devices and gain access to status of work orders being performed through an online GIS System. New modules will be added for asset management of water and sewer infrastructures over the next 20 months. All of this will assist Public Works to respond faster to citizen requests and improve solutions to citizens' problems.
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. Glen Ellyn Public Works will be an active participant in the DuPage County Municipal Partner Initiative (MPI). MPI allows communities to purchase goods and services in bulk

and therefore realize savings due to the economies of scale. Communities must still execute a contract with the responsible low bidder, must allocate staff to oversee the contract and process payouts and provide general contract management. Glen Ellyn plans on being the lead agency for hydrant painting and road resurfacing and will participate in approximately 12 of 20 initiatives (participation is limited by existing contracts or services not utilized by the Village).

6. Simultaneously reduce costs and improve service in all divisions.
7. Improve the Public Works facility by increasing salt storage capacity and other grounds appearances and functionality. This will include increasing vehicle storage and creating a viable alternative entrance/exit for the Public Works facility utilizing Wilson Ave.
8. Train all new employees on policies and procedures.

Engineering Division Accomplishments for FY 14

1. Technical Resource:

- Provided technical reviews, inputs, special support and/or inspection services for private or institutional development projects including:
 - College of DuPage – West Campus Projects
 - School District 41 building program to replace portable classrooms
 - Amber Ridge Subdivision
 - Willowbrook Wildlife Center
 - Courtyards of Glen Ellyn (re-start)
 - Autumn Leaves
 - Various Development Close-outs
 - Fresh Market Development
 - Hill Avenue Subdivision (between Whittier and Cumnor)
 - Oberweis Development
 - Dunkin Donuts
 - Brookhaven Subdivision
 - General Assistance to Development teams
 - Annexation matters re. water/sewer service
- Geographical Information Systems (GIS): Interfaced with GIS Consortium project leader on a regular basis to discuss applications and work status; participated in GIS information sessions; assisting in development of tablet applications for operating divisions; pursuing GISCI certification
- Continued imaging and logging of engineering plans and documents; working with consultants to obtain project record drawings in correct formats
- Continued updating of 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

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

- Continued making 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. Reviewed opportunities and consequences for reductions in capital project funding for the roadway program.
- Continued coordination with the Illinois Department of Transportation for various federal aid projects including the Crescent Boulevard Reconstruction near Glenbard West (planned 2015 construction) and North Park Boulevard LAFO (planned 2016 construction). Working with consultants to close-out the Riford Road Reconstruction (constructed in 2010) and Lambert Road right-turn lane at Roosevelt Road (constructed in 2012) projects.
- Coordination with the Village of Lombard for the design of the Hill Avenue Bridge over the East Branch of the DuPage River and water and sanitary sewer utility transfers in the industrial area of Hill Avenue just west of the East Branch of DuPage River.
- Coordinated the submittal of an application (in 2012) for federal funding through the Surface Transportation Program (administered locally by the DuPage Mayors and Managers Conference) for Main Street and Hill Avenue LAFO projects. In 2013, the Village was informed that the application for Main Street was successful (STP grant amount of \$200,000), for construction in 2016.
- Coordinated submittal of applications for use of green technologies associated with the planned reconstruction of the Lorraine-Duane daily fee parking lot. A DuPage County Water Quality Improvement Program grant for \$53,000 was obtained.
- Provided reimbursement applications, follow-up and reporting services for existing DCEO and DuPage County grants associated with the Lake Ellyn Outlet Channel Stabilization and Braeside Localized Drainage Improvements projects.
- CMAQ funds for \$190,000, administered through a grant obtained by RTA, were obtained for crosswalk improvements on Route 38 at Nicoll and Lambert and at the intersection of Route 53 and Pershing. Construction is expected to occur in 2015.

- A new DCEO grant for \$45,000 was obtained by the Village for storm sewer improvements; reimbursement paperwork submitted by engineering staff.

3. In-house Project Coordination, Design and Construction Oversight:

- Designed, received bids and provided construction oversight of the following projects:
 - Asphalt patching program (\$80,000)
 - Sidewalk and concrete pavement repair programs (\$60,000)
 - Asphalt roadway crack sealing program (\$40,000)
 - Pavement line striping program at various locations (\$20,000)
 - Sewer televising program (\$50,000)
 - Sanitary sewer lining program (\$500,000)
- Review of parking lots for ADA compliance
- Enlarging of the discharge orifice at the Lake Ellyn Outlet Control Structure

4. Construction Project Coordination:

- In 2013, the following improvement projects were bid and constructed. Engineering staff coordinated project designs with consultants, bid and awarded construction contracts, and oversaw (with the assistance of consultants) project construction.
 - Oak-Euclid-Forest-Alley Improvements: Just over 1 mile of improvements were performed in the project including resurfacing of Oak Street between Western and Main; enhanced resurfacing of three blocks of Euclid north of Hawthorne and one block of Forest between Maple and Oak; and construction of a new alley between Oak and Elm east of Western. Included in the work were new sidewalk on Oak and various water, sanitary sewer and storm sewer upgrades, including the lining of the Oak Street water main, the first time this technology has been used in the Village. Total cost of engineering and construction for the project is estimated to be \$3,000,000.
 - 2013 Street Improvements: About 4,000 ft. of roadways were upgraded in the project to resurface Country Club Lane; provide enhanced resurfacing for Brandon north of Hill and the block of Grandview immediately south of Hill; and rehabilitate Cranston Court and Miller Court. New sidewalk was constructed on the east side of Brandon between Ridgewood and Hillside. Underground improvements included new water mains and sanitary sewer service line replacements on Brandon, Cranston and Grandview; and various storm sewer improvements on all streets. Total project expenses will be approximately \$2,500,000 including \$325,000 for design and construction engineering.
 - Duane-Glenwood (Metra) Parking Lot: A new 47-space commuter parking lot was constructed in 2013 on the north side of Duane Street between Prospect and Glenwood. The facility features a pervious brick paver surface, lighting and landscaping and details in accordance with recommendations from the 2013 Streetscaping and Parking Study. In 2013 project design was completed; ARC and

Plan Commission approvals obtained; project bidding; and construction. The facility was opened for use in late November 2013. A Metra / CMAQ grant of \$859,000 fully reimbursed the land purchase cost of \$445,000 and \$414,000 of the estimated construction cost of \$540,000. Engineering expenses were \$87,000.

- Crescent Boulevard Sidewalk Extension: Construction work was completed and the project closed-out in 2013 for the installation of new sidewalk, shoulder and drainage improvements on the south side of Crescent between Roger and the east Village limits. Total project costs were \$250,000 for construction and \$65,000 for engineering services.
- Repair of the Lake Ellyn Outlet Channel was performed following the severe April 2013 storm event. Costs for engineering and needed repairs totaled \$70,000 and are anticipated to be reimbursed via an insurance claim.
- Closeout of various construction projects: Project close-outs are anticipated for the 2012 Hawthorne, 2012 Lambert Road Right-turn Lane, 2011 ELOG and 2010 Riford Road projects, pending completion of all issues and paperwork, including IDOT processes.

5. **Coordination with Consultants:**

- Oversight of continuing project studies including
 - Central Basin Hydraulic Analysis (follow-up to SSES)
 - Lake Ellyn Hydraulic and Hydrologic Study
 - Roosevelt Road Water Main Replacement Study
- Lake Ellyn continued to be a focal point of consultant studies. Design of improvements at the Lake Ellyn Outlet Control Structure and FEQ Model Studies were authorized to investigate possible peak discharge rates and design an optimal OCS configuration.
- A consultant was retained to perform feasibility studies for over/underpasses in the Central Business District and improved pedestrian accommodations on Taylor Street.
- Engineering continued on upcoming projects including repairs to the Nicoll Way land bridge and Hill Avenue Water and Sanitary Sewer Extensions.
- Consultants were retained in 2013 for future projects and other engineering work continued from previous years. Engineering staff play a key role in engineer selection, project scope development, identification and resolution of project issues, and overall project coordination. Projects include:
 - Crescent Boulevard Reconstruction between Park and Lake
 - Reconstruction and Resurfacing of Park between Roosevelt Road and Crescent
 - Chidester-Elm-Lenox-Linden Improvements
 - Elm-Geneva Connectors-Cottage Improvements
 - Glenwood-Arbor-Ridgewood Improvements

- 2014 Street Resurfacing
- Duane-Lorraine Parking Lot Reconstruction
- Pedestrian Improvements at IDOT Intersections
- Design of Memory Court Lift Station

6. Public Improvements Inspections

- Provided services for the inspections of all water, sewer, driveway and sidewalk installations in the Village, ranging from single-family home renovations to complete sub-divisions. These services are performed primarily by the Utilities Inspector. Additional inspections and services started in 2013 include fire flow test results and parkway irrigation system inspections. The Division responded to about 1,075 requests in 2013 for plan reviews (125), inspections (675), work-in-parkway permits (110), refund of deposits (60), fire flow tests (70) and irrigation inspections (35).

Engineering Goals for SY 14 and CY 15

1. In 2014, work with all pertinent Village staff to arrive at a consensus and schedule for CBD projects and improvements; select management and design consultants as appropriate. Oversee construction of selected project in 2015 if one is programmed for that year.
2. Continue oversight of future STP-funded projects on Park and Crescent Boulevards and the design of the Duane-Lorraine Parking Lot. Complete the Crescent Boulevard Project in the summer of 2015.
3. Continue to focus on Lake Ellyn projects to improve hydraulic discharge performance and to better handle overflows during major storm events.
4. Obtain Capital Improvements Commission recommendations for funding of Village-wide capital improvement needs, modifying the long-term street improvements plan as necessary to reflect likely reduced funding levels.
5. Provide timely engineering plan reviews and bidding of 2014 and 2015 construction projects and proactive construction management.
6. Select engineering consultants and manage the design for the planned 2014 and 2015 infrastructure improvement projects.
7. Set up a microsurfacing demonstration project and develop a formal long-term plan for annual street and parking lot maintenance work.
8. Provide assistance to Utilities Division regarding the implementation of clear water reduction strategies, studies and projects as recommended by the 2011 SSES report and

2012 Central Basin Study. Continue to aggressively line sanitary sewers and begin a program to rehabilitate manholes using a cementitious lining process.

9. Complete projects that have been in the development stage including Nicoll Way structure repairs, Roosevelt/Nicoll Way & Pershing/Route 53 crosswalks, Memory Court lift station, and selected extensions of the Hill Avenue utilities.
10. Develop and implement the Roosevelt Road water main replacement project and complete a lining project of the Route 53 water main between Spring and Surrey.
11. Start a sidewalk program to systematically inspect every sidewalk in the Village and record condition and take action to repair any tripping hazards.
12. Initiate succession plan for Professional Engineer position.

GENERAL FUND
PUBLIC WORKS DEPARTMENT
Administration and Engineering Division
(143100)

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget	
Personnel Services									
510100	Salaries - Pension	\$ 476,624	\$ 552,144	\$ 370,000	\$ 370,000	\$ 378,638	\$ 261,033	\$ 268,000	1
510120	Salaries - Non-pension	20,079	21,421	7,700	7,700	14,799	4,923	5,500	2
510200	Overtime	3,145	5,869	4,000	3,000	4,779	1,038	2,000	
510300	Temporary Help	10,043	21,918	13,000	2,500	16,907	722	7,200	3
510400	FICA	37,309	43,390	29,700	29,700	29,662	19,433	21,000	
510500	IMRF	57,517	65,386	47,000	47,000	44,158	31,929	33,000	
	Subtotal	604,717	710,128	471,400	459,900	488,943	319,078	336,700	
Contractual Services									
520305	Employee Awards / Recognition	373	1,079	1,500	1,500	423	838	1,200	
520600	Dues / Subscriptions	133	237	500	500	237	380	400	
520620	Employee Education	2,769	4,627	5,300	6,000	4,518	2,644	2,700	
520625	Travel	899	1,130	800	750	1,071	79	200	
520905	Printing	310	394	2,000	2,000	394	296	750	
520970	Maintenance / Bldgs & Grounds	860	2,235	1,000	1,000	430	487	700	
520975	Maintenance / Equipment	15,365	15,644	12,000	12,000	13,666	7,814	7,000	4
521055	Professional Services / Other	21,191	11,531	56,963	54,500	4,803	27,508	57,000	5
521195	Telecommunications	4,082	6,546	12,700	7,000	3,658	3,344	4,000	
590600	IFT / Health Insurance	75,200	91,692	59,200	59,200	63,200	38,450	61,210	
590610	IFT / Insurance - General	9,100	5,400	5,600	5,600	3,600	3,733	5,400	
590650	IFT / Equipment Service (O&M)	20,100	25,400	27,600	27,600	16,933	18,400	13,900	
590655	IFT / Equipment Service (Replace)	12,400	9,200	10,100	10,100	6,133	6,733	5,000	
	Subtotal	162,782	175,115	195,263	187,750	119,066	110,706	159,460	
Commodities									
530100	Office Supplies	3,094	3,907	4,000	4,000	1,337	1,439	2,500	
530105	Operating Supplies	1,318	990	2,500	2,500	417	404	1,000	
530445	Uniforms	866	1,056	1,800	1,800	1,004	1,267	1,350	
	Subtotal	5,278	5,953	8,300	8,300	2,758	3,110	4,850	
	TOTAL EXPENDITURES	\$ 772,777	\$ 891,196	\$ 674,963	\$ 655,950	\$ 610,768	\$ 432,894	\$ 501,010	
Direct Revenue									
	Reimb for Staff Engineer	\$ 153,400	\$ 153,400	\$ 151,000	\$ 151,000			\$ 154,000	
	Total Direct Revenue	153,400	153,400	151,000	151,000			154,000	
	Direct Revenues / Total Expenditures	20%	17%	22%	23%			31%	

**PUBLIC WORKS - ADMINISTRATION & ENGINEERING
BUDGET FOOTNOTES**

1. **Salaries - FT:** Assumes full staffing of the Administration and Engineering Division and reflects a percentage of the Public Works Director, Assistant Public Works Director, Professional Engineer, Civil Engineer, Utilities Inspector, and an Administrative Assistant's salaries.
2. **Salaries - PT:** Provides for 34% of one part-time Administrative Assistant.
3. **Temporary Help:** Includes funding one intern to assist Engineering Division. The summer intern works 40 hours per week for 11 weeks assisting in plan preparation, field inspections, aids in document archiving projects, perform computer-aided drafting and assist in GPS data collection. This also includes office coverage by a temporary secretary.
4. **Maintenance / Equipment:** Provides for Automated External Defibrillators and the lease and operation of department copy machines. In CY15, funding for the yearly software maintenance fees for Glen Ellyn's Geographic Information System (GIS) are included as well.
5. **Professional Services / Other:** Provides for Engineering Consultant, Surveyor and Village Attorney fees, continued archive scanning of documents, Cartegraph software, and one-third the cost for the GIS Consortium. SY14 includes funding for the transition and implementation costs associated with switching Cartegraph software from a server based model to a web based model. This model switch includes and creates functional efficiencies, long term savings, web and phone based customer requests, crew mobility options and unlimited licenses.

VILLAGE OF GLEN ELLYN
 SY 14 ANNUAL BUDGET
 PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - ADMINISTRATION/ENGINEERING

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY10/11 Budgeted Employees</u>	<u>FY11/12 Budgeted Employees</u>	<u>FY12/13 Budgeted Employees</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 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
Civil Engineer	FT	O	1.00	1.00	1.00	1.00	1.00
Engineer, P.E.	FT	TBD		-	-	-	-
Utilities Inspector	FT	J	1.00	1.00	1.00	1.00	1.00
Engineering Intern	PT	N/A		0.42	0.42	0.42	0.21
Administrative Assistant II	FT/PT	F		-	-	1.50	1.50
Administrative Assistant I	FT/PT	D	<u>1.50</u>	<u>1.50</u>	<u>1.50</u>	<u>-</u>	<u>-</u>
TOTAL EMPLOYEES (Full-time Equivalents)			<u>6.50</u>	<u>6.92</u>	<u>6.92</u>	<u>6.92</u>	<u>6.71</u>
Full-time Number of Positions			6	6	6	6	6
Part-time Number of Positions			1	3	3	3	2

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

PUBLIC WORKS OPERATIONS – GENERAL FUND (Street 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 now divided into two cost centers – Streets and Forestry. Some of the everyday activities performed under the Operations Division qualify for Illinois Department of Transportation reimbursement through the Motor Fuel Tax (MFT) Program. These tasks are monitored and documented for inclusion in yearly MFT Resolutions to qualify for the MFT funding.

Street and roadway activities include the maintenance of 86 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. Operations serves in a support role for special events such as the Taste of Glen Ellyn, Fourth of July Parade, Jazz Fest, and the Holiday Walk. Operations focuses attention on the Central Business District (CBD) through twice a week street sweepings and sidewalk cleaning; flower design, planting and maintenance; executing the seasonal banner program; and removing snow during the winter. A computerized sign inventory program is continually updated to meet federally mandated retro-reflectivity requirements.

Forestry activities include the maintenance of more than 14,025 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, cabling and annual cable inspection, landscape maintenance, service request inquiry, organization of the annual Arbor Day Celebration, Parkway Reforestation Programs, disease and insect monitoring, educational tree seminars and oversight of the Tree Preservation Ordinance with regards to construction projects. The forestry division advises residents who seek assistance on private property tree issues.

Our certified arborists 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 EAB treatment program uses three different methods of treatment to improve the success rate of preserving a percentage of ash trees in the Village. A computerized tree inventory program is continually updated with each tree planted and removed.

Operation Streets – General Fund Accomplishments for FY14

1. Snow removal operations were a significant part of the winter of 2013/14 due to the record breaking cold temperatures and snow fall amounts. During the first two thirds of the winter, Operations responded to 32 snow and ice removal events with 59" of snow, 23 days of sub-zero temperatures and used 2,700 tons

of bulk road salt. This winter is the third snowiest and fifth coldest Chicago winter on record.

2. 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.
3. Continued implementation of the Cartegraph SignView software. This software will track sign assets and establishes a plan to ensure all signs meet MUTCD standards as well as federal retro-reflectivity guidelines.
4. Operations assisted in 37 special events throughout the Village. Water filled barriers were utilized during five of the special events. These barriers provide significant additional safety to the public during road closures due to events.
5. Operations completed a yearly in-house pavement assessment with Engineering. This clearly defined and prioritized efforts in addressing and maintaining roadways. Roads were categorized 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.
6. A contractor was hired to haul all leaves that were swept during the sweeping season. 850 cubic yards of leaves were hauled out in a one day period by semi truck, reducing staff and equipment time and cost.
7. An additional material storage area of over 6,000 sq. ft. and a loading ramp were created by Public Works employees within the Public Works facility adjacent to Wilson Ave.
8. Central Business District improvements:
 - a. Pressure washed sidewalks on portions of heaviest pedestrian used walks north of the railroad tracks.
 - b. Fencing was installed along the walls bordering sidewalks adjacent to the train station parking lots on Crescent.
 - c. 60 new flag poles and American flags were purchased and used while the American Flags flew during the summer holidays.
 - d. Staff changed out banners for each of the four seasons of the year.
 - e. An additional designated electric car charging station was added to the Crescent/Glenwood parking lot.

Operation Streets – General Fund Goals for SY14

1. 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.
2. Support the new French Market location by installing tent anchors in the pavement and establishing electrical outlets for vendor needs.
3. Continue to convert the remaining benches in the Central Business District and along Roosevelt Rd from wood/recycled material to all metal for reduced long-term maintenance costs.
4. Continue the CBD sidewalk pressure washing program that will maintain CBD sidewalks on an established rotational basis and contract the second phase of the program.
5. Perform efficient and effective snow removal on all Village-maintained roadways while reducing salt usage. Additional training on specialized equipment (the CBD Snowblower and the Wing Plow) will provided versatility in snow removal operations.
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. Complete data entry transition to Cartegraph SignView software for both current sign work and all pertinent past paper records.
8. Change out banners Stacy's Corners (2 seasons) and the CBD (4 seasons) in a timely and cost effective manner.
9. Continue to evaluate and make maintenance repairs to the streets as required.

Operation Forestry – General Fund Accomplishments for SY14

1. In the yearly cyclical winter tree pruning program, the Contractor pruned all trees (2,230) in zone C (everything south of the railroad tracks, north of Fairview, and east of Park). Every year, one-fifth of the village's trees are inventoried in advance of this pruning program.
2. This year approximately 294 stumps were ground by the contractor and chips were removed to grade on all stumps 6" and larger. Forestry's landscape maintenance contractor was utilized to excavate the remaining grindings and complete

restoration of the parkway with soil and seed as a cost saving measure compared to the restoration cost of the tree removal contractor.

3. In-house forestry work included the removal and restoration of over 90 stumps, completion of 408 tree related work orders, and 289 tree removals (including 114 ash removals) and treatment of 249 ash trees for EAB.
4. The contractor removed 57 trees through the regular removal program, 46 through the EAB Removal Program and approximately 294 stumps were ground to grade.
5. New Forestry Division Crew Leader was hired. Public Works now has three Certified Arborists on staff.
6. Certified Arborists responded to 393 Forestry Service requests.
7. The Village received the Tree City USA award for the 29th year in a row. For Glen Ellyn's Arbor Day celebration, one tree was planted at Panfish Park.
8. Planted 102 trees through the Reforestation Program using in house staff rather than an outside contractor to reduce expenditures.
9. Forestry reforested the area along the Illinois Prairie Path (IPP) between Prospect and Main after ComEd removed numerous trees during their power line clearing program. The Environmental Commission assisted in planning this project.
10. Public Works and the Union Pacific Railroad worked together to hire a contractor to remove ash trees along the southern wall of the Crescent/Glenwood parking lot. These trees were in serious decline due to Emerald Ash Bore (EAB) and were a potential hazard to parking lot patrons.
11. Glen Ellyn's EAB Management Program consisted of treating approximately 636 trees for control of EAB. Village staff applied chemical control to 249 parkway ash trees. A contractor treated 152 trees with Triage in 2012 which provides 2 years of protection; these trees will be treated in 2014. The fourth year of five annual treatments was applied to 197 parkway trees through the Legacy Tree Project. All remaining parkway ash trees were assessed for potential treatment or future removal.
12. \$35,000 of Urban Forest Restoration grants were used to replace trees removed through the ash removal program.
13. The evaluation of the condition of all Silver Maples was completed. These trees will be categorized according to condition and will establish a management process for necessary removals.
14. A Forestry Management Plan was updated.

Operations Forestry – General Fund Goals for SY14

1. Continue to identify and remove infested ash trees based on the guidelines identified in the EAB Management Program. Approximately 249 parkway trees will be treated in house for control of EAB, 197 trees will be treated through the Legacy Tree Project and Morton Arboretum research project, and 152 trees will be treated with Triage to help control EAB.
2. Continue to plant trees in the right-of-way: approximately 60 trees through the resident cost share program (residents donate \$85 per tree) planted by Public Works, and approximately 140 trees planted by a contractor.
3. Continue to monitor for gypsy moth and provide a management plan for the upcoming year if needed.
4. Work with DuPage County to improve the Illinois Prairie Path (Phase #2) within the Village limits by selective tree removal and planting numerous trees.
5. 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.
6. Due to right-of-way windshield survey of private property revealing 350 dead ash trees in the Village, the Forestry Division will work with residents to ensure all potentially hazardous private property ash trees are removed in a timely manner.
7. Improve landscaping at Public Works Reno building.

GENERAL FUND
PUBLIC WORKS DEPARTMENT

Village of Glen Ellyn
 SY14 Budget

Operations
 (143200)

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
Personnel Services								
510100	Salaries - Pension	\$ 431,137	\$ 342,758	\$ 525,000	\$ 500,000	\$ 231,117	\$ 363,162	\$ 346,900
510120	Salaries - Non-pension	7,272	7,919	21,200	20,000	5,558	13,389	15,000
510200	Overtime	20,551	25,202	28,800	28,800	22,242	23,324	19,600
510210	Snow	30,125	29,918	60,000	80,000	1,995	14,896	15,000
510300	Temporary Help	24,709	22,441	46,200	46,200	22,441	42,505	51,000
510310	Temporary Help / Snow	10,085	24,898	24,500	35,000	3,589	6,045	8,000
510400	FICA	38,901	34,620	54,400	54,400	22,408	34,220	33,700
510500	IMRF	57,956	44,999	66,400	66,400	28,589	48,788	44,600
	Subtotal	<u>620,736</u>	<u>532,755</u>	<u>826,500</u>	<u>830,800</u>	<u>337,939</u>	<u>546,329</u>	<u>533,800</u>
Contractual Services								
520600	Dues / Subscriptions	1,982	1,733	1,400	1,400	1,218	723	1,100
520620	Employee Education	2,870	1,362	9,300	9,300	1,077	4,781	5,300
520625	Travel	643	489	800	800	489	498	800
520635	Safety Training	479	-	1,500	1,500	-	100	1,500
520915	ESDA Expenses	6,326	5,633	8,900	8,900	4,828	4,280	4,800
520970	Maintenance / Bldgs & Grounds	45,749	45,002	38,900	38,900	34,925	28,193	27,800
520975	Maintenance / Equipment	2,346	3,846	8,100	8,100	3,846	6,849	13,300
520995	Maintenance / Signs	19,751	26,160	29,000	29,000	14,843	6,882	19,500
521035	Maintenance / Street Painting	48,141	29,779	27,000	27,000	29,779	9,328	67,000
521040	Maintenance / Traffic Signals	18,929	26,987	27,000	27,000	16,936	15,952	16,200
521045	Maintenance / Street Lights	71,465	36,134	45,000	45,000	18,902	14,886	19,500
521050	Maintenance / Other	125	-	-	-	-	-	-
521055	Professional Services / Other	19,819	55,645	45,300	30,000	47,649	14,192	30,700
521057	CBD Appearance	53,006	40,913	51,800	51,800	30,522	33,384	50,300
521060	Snow Removal Services	6,401	10,000	20,000	20,000	10,000	-	5,000
521090	Tree Trimming	62,773	72,082	59,471	55,000	1,554	833	10,000
521095	Tree Removal	46,342	94,667	80,000	80,000	91,229	31,253	60,000
521100	Tree Replacement	48,619	25,774	108,955	38,000	25,774	76,289	60,000
521102	Developer Reforestation Prog.	-	-	-	-	-	2,342	-
521103	EAB Program	67,587	66,108	70,000	70,000	64,350	24,029	55,000
521115	Landfill Fees	-	-	25,000	20,000	-	12,763	15,000
521125	Leased Equipment	2,136	1,437	-	-	1,000	-	-
521195	Telecommunications	2,185	1,666	4,000	4,000	1,188	1,923	2,700
590600	IFT / Health Insurance	67,800	63,283	85,500	85,500	40,067	59,393	44,790
590610	IFT / Insurance - General	101,300	47,600	48,400	48,400	31,733	32,267	51,200
590660	IFT / Manor Woods	-	-	10,000	10,000	-	10,000	10,000
590650	IFT / Equipment Service (O&M)	304,300	310,900	310,700	310,700	207,267	207,133	217,400
590655	IFT / Equipment Service (Repl)	274,600	256,800	310,400	310,400	171,200	206,933	232,000
	Subtotal	<u>1,275,674</u>	<u>1,224,000</u>	<u>1,426,426</u>	<u>1,330,700</u>	<u>850,376</u>	<u>805,206</u>	<u>1,020,890</u>
Commodities								
530100	Office Supplies	2,058	2,618	2,000	2,000	2,377	1,342	1,400
530105	Operating Supplies	9,752	14,208	10,200	15,000	7,351	10,449	9,300
530210	Asphalt	12,801	10,997	19,500	19,500	6,459	13,304	15,000
530225	Safety Supplies	6,662	11,323	7,200	9,000	9,406	5,504	6,150
530445	Uniforms	3,943	4,079	6,000	6,000	3,667	3,268	4,500
	Subtotal	<u>35,216</u>	<u>43,225</u>	<u>44,900</u>	<u>51,500</u>	<u>29,260</u>	<u>33,867</u>	<u>36,350</u>
Capital Outlay								
580110	Equipment	9,662	17,297	38,300	38,300	5,190	26,659	18,200
	Subtotal	<u>9,662</u>	<u>17,297</u>	<u>38,300</u>	<u>38,300</u>	<u>5,190</u>	<u>26,659</u>	<u>18,200</u>
TOTAL EXPENDITURES		<u>\$ 1,941,288</u>	<u>\$ 1,817,277</u>	<u>\$ 2,336,126</u>	<u>\$ 2,251,300</u>	<u>\$ 1,222,765</u>	<u>\$ 1,412,061</u>	<u>\$ 1,609,240</u>

GENERAL FUND
PUBLIC WORKS DEPARTMENT
Operations
(143200)

Village of Glen Ellyn
SY14 Budget

<u>Object Code</u>	<u>Account Description</u>	<u>FY11/12 Actual</u>	<u>FY12/13 Actual</u>	<u>FY13/14 Revised Budget</u>	<u>FY13/14 Estimated Actual</u>	<u>FY12/13 8 Month May-Dec</u>	<u>FY13/14 8 Month May-Dec</u>	<u>SY14 8 Month Budget</u>
Direct Revenue								
	Parkway Reforestation	\$ 3,540	\$ 8,305	\$ 4,000	\$ 10,000			\$ 7,000
	IFT MFT	400,000	400,000	400,000	400,000			255,000
	PW Service Charge	309,400	309,400	118,100	118,100			79,100
	PW Operations Reimb.	<u>50,800</u>	<u>50,800</u>	<u>50,800</u>	<u>50,800</u>			<u>34,000</u>
	Total Direct Revenue	<u>763,740</u>	<u>768,505</u>	<u>572,900</u>	<u>578,900</u>			<u>375,100</u>
	Direct Revenues / Total Expenditures	39%	42%	25%	26%			23%

GENERAL FUND
PUBLIC WORKS DEPARTMENT
Operations - Streets
(143300)

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	SY14 8 Month Budget	
Personnel Services							
510100	Salaries - Pension	\$ -	\$ -	\$ -	\$ -	\$ 187,500	1
510120	Salaries - Non-pension	-	-	-	-	15,000	2
510200	Overtime	-	-	-	-	9,800	
510210	Snow	-	-	-	-	15,000	
510300	Temporary Help	-	-	-	-	23,100	3
510310	Temporary Help / Snow	-	-	-	-	8,000	4
510400	FICA	-	-	-	-	19,400	
510500	IMRF	-	-	-	-	25,200	
	Subtotal	-	-	-	-	303,000	
Contractual Services							
520620	Employee Education	-	-	-	-	2,200	
520625	Travel	-	-	-	-	600	
520915	ESDA Expenses	-	-	-	-	4,800	5
520970	Maintenance / Bldgs & Grounds	-	-	-	-	800	6
520975	Maintenance / Equipment	-	-	-	-	7,300	
520995	Maintenance / Signs	-	-	-	-	19,500	7
521035	Maintenance / Street Painting	-	-	-	-	67,000	8
521040	Maintenance / Traffic Signals	-	-	-	-	16,200	9
521045	Maintenance / Street Lights	-	-	-	-	19,500	10
521055	Professional Services / Other	-	-	-	-	14,900	11
521057	CBD Appearance	-	-	-	-	8,800	12
521060	Snow Removal Services	-	-	-	-	5,000	13
521115	Landfill Fees	-	-	-	-	15,000	14
521195	Telecommunications	-	-	-	-	1,300	
590600	IFT / Health Insurance	-	-	-	-	24,840	
590610	IFT / Insurance - General	-	-	-	-	35,300	
590660	IFT / Manor Woods	-	-	-	-	-	
590650	IFT / Equipment Service (O&M)	-	-	-	-	150,000	
590655	IFT / Equipment Service (Repl)	-	-	-	-	160,100	
	Subtotal	-	-	-	-	553,140	
Commodities							
530100	Office Supplies	-	-	-	-	700	
530105	Operating Supplies	-	-	-	-	2,300	
530210	Asphalt	-	-	-	-	15,000	15
530225	Safety Supplies	-	-	-	-	4,400	16
530445	Uniforms	-	-	-	-	2,475	
	Subtotal	-	-	-	-	24,875	
Capital Outlay							
580110	Equipment	-	-	-	-	12,700	17
	Subtotal	-	-	-	-	12,700	
	TOTAL EXPENDITURES	\$ -	\$ -	\$ -	\$ -	\$ 893,715	

This cost center was created for the SY14 budget. Activity is totaled on the PW Operations budget page for comparison purposes.

**STREET DIVISION – GENERAL FUND
BUDGET FOOTNOTES**

1. **Salaries - FT:** Provides for four Maintenance Workers (100%) and one Street/Forestry Superintendent (50%).
2. **Salaries - PT:** Provides for one part-time Maintenance Worker (100%).
3. **Temporary Help:** Provides for three summer seasonal employees (12 weeks) and one extended seasonal (24 weeks) employee that work for the Street Division of Public Works. Seasonal employees work on all aspects of Street duties including assistance with asphaltting, street signage, CBD beautification, barricade drop off and pick up, special events such as the Taste of Glen Ellyn and Fourth of July parade.
4. **Temporary Help (Snow):** The Public Works Department hires temporary help to assist with our Snow and Ice Management Program. Individuals come from other Village Departments, the Glen Ellyn Fire Company, and other qualifying applicants. These seasonal employees are a vital part of a successful program each year.
5. **ESDA - Emergency Service and Disaster Agency:** Provides for the outdoor emergency warning siren remote radio telemetry contract and the monitoring and maintenance of the sirens.
6. **Maintenance / Buildings & Grounds:** Includes 40% of the cost for sidewalk salt for snow and ice removal; the other 60% of the cost is distributed among other funds (Parking, Historical Society, etc.)
7. **Maintenance- Signs:** Provides for aluminum sign blanks, sign-face materials, and signposts. The Street Division manufactures Stop and Yield signs in house and the cost is distributed to the sign blanks and sign materials in this line item.
8. **Maintenance - Street Painting:** Provides for supplies including paint, beads and thinner to perform in house maintenance of stop bars and crosswalks on an emergency basis. The anticipated life of a pavement marking is three years. SY14 and CY15 fund contract line striping for both asphalt and concrete throughout the Village. Asphalt line striping is on a 3 year cycle. Concrete line striping is more aggressive because 70% of it has been deferred for 2 years.
9. **Maintenance - Traffic Signals:** Provides for maintenance costs shared with IDOT for traffic signals at Baker Hill/Roosevelt Road, Pershing Avenue/Route 53, DuPage Blvd/Route 53, and Spring Avenue/Route 53 intersections. IDOT pays 100% of the maintenance costs of all other signals on state roads. DuPage County is responsible for signals on Geneva and St. Charles Roads. Also includes contracted and in-house maintenance of six signalized intersections, three locations in the CBD, a flashing signal at Hill/Golf (Glen Oak CC), and the Opticom emergency vehicle traffic signal override system equipment. In CY 15 there is funding for the contracted yearly preventative maintenance of the Opticom system.

10. **Maintenance – Streetlights:** Provides for contract electrical maintenance services and streetlight parts necessary to maintain more than 800 lights and posts throughout Glen Ellyn with spare fixtures and poles in stock for quick repairs associated with knockdowns. Streetlight maintenance continues to be a large proportion of the Operations Division workload each year as more lights are added in several locations (about 100 street lights added from the Braeside Lighting Project in 2011 and 5 lights from the extension of Taft behind Fresh Market).
11. **Professional Services/Other:** Includes funding for weather forecasting and monitoring. Also included is funding to address electrical upgrades in the CBD associated with event and holiday light electrical needs. Additional services include Rt. 38 banner change out costs (SY14 only) and funding for event barricade set up if needed.
12. **CBD Appearance:** Includes funding for American flags and flagpoles, the pressure washing sidewalk program in the CBD (attempts to address all sidewalks once every five years and addresses worst sidewalks as needed every year) and miscellaneous needs to improve the CBD appearance.
13. **Professional Services/Snow Removal:** Provides for contracted snow removal primarily from the CBD (Central Business District) streets and disposal at Ackerman Park and/or the Village Green Parking Lot on S Lambert Road. (This contract is approved in the fall for the entire winter season.)
14. **Landfill Fees:** Provides for the disposal of street sweepings, leaves and asphalt removed during street patching. These were previously expensed through the Solid Waste Fund from FY09/10 through FY12/13.
15. **Asphalt:** Provides 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.
16. **Safety Supplies:** Provides funding for 75 barricades (25 with lights and 50 without lights), for traffic safety cones, and for safety hats, glasses, gloves, etc. Also funds the cost to provide OSHA required steel-toed boots for divisional employees.
17. **Capital Equipment:** Provides funding in SY14 for asphalt hand saw, back pack blower, a rugged laptop for Cartegraph SignView field use, and a vehicle back up camera and in CY15 an asphalt walking saw and a vehicle back up camera.

GENERAL FUND
PUBLIC WORKS DEPARTMENT
 Operations - Forestry
 (143400)

Village of Glen Ellyn
 SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	SY14 8 Month Budget
Personnel Services						
510100	Salaries - Pension	\$ -	\$ -	\$ -	\$ -	\$ 159,400 1
510200	Overtime	-	-	-	-	9,800
510300	Temporary Help	-	-	-	-	27,900 2
510400	FICA	-	-	-	-	14,300
510500	IMRF	-	-	-	-	19,400
	Subtotal	-	-	-	-	230,800
Contractual Services						
520600	Dues / Subscriptions	-	-	-	-	1,100
520620	Employee Education	-	-	-	-	3,100
520625	Travel	-	-	-	-	200
520635	Safety Training	-	-	-	-	1,500
520970	Maintenance / Bldgs & Grounds	-	-	-	-	27,000 3
520975	Maintenance / Equipment	-	-	-	-	6,000
521055	Professional Services / Other	-	-	-	-	15,800 4
521057	CBD Appearance	-	-	-	-	41,500 5
521090	Tree Trimming	-	-	-	-	10,000 6
521095	Tree Removal	-	-	-	-	60,000 7
521100	Tree Replacement	-	-	-	-	60,000 8
521102	Developer Reforestation Prog.	-	-	-	-	- 9
521103	EAB Program	-	-	-	-	55,000 10
521195	Telecommunications	-	-	-	-	1,400
590600	IFT / Health Insurance	-	-	-	-	19,950
590610	IFT / Insurance - General	-	-	-	-	15,900
590660	IFT / Manor Woods	-	-	-	-	10,000
590650	IFT / Equipment Service (O&M)	-	-	-	-	67,400
590655	IFT / Equipment Service (Repl)	-	-	-	-	71,900
	Subtotal	-	-	-	-	467,750
Commodities						
530100	Office Supplies	-	-	-	-	700
530105	Operating Supplies	-	-	-	-	7,000
530225	Safety Supplies	-	-	-	-	1,750 11
530445	Uniforms	-	-	-	-	2,025
	Subtotal	-	-	-	-	11,475
Capital Outlay						
580110	Equipment	-	-	-	-	5,500 12
	Subtotal	-	-	-	-	5,500
	TOTAL EXPENDITURES	\$ -	\$ -	\$ -	\$ -	\$ 715,525

This cost center was created for the SY14 budget. Activity is totaled on the PW Operations budget page for comparison purposes.

**FORESTRY DIVISION – GENERAL FUND
BUDGET FOOTNOTES**

1. **Salaries - FT:** Provides for four Maintenance Workers (100%) and one Street/Forestry Superintendent (50%).
2. **Temporary Help:** Provides for three summer seasonal employees (12 weeks) and one extended seasonal (24 weeks) employee that work for the Street Division of Public Works. Seasonal employees work on all aspects of Forestry duties including assistance with tree removal, stump grinding, parkway restorations, flower planting, tree watering, mowing grass at various locations throughout the Village, and special events such as the Taste of Glen Ellyn and Fourth of July parade.
3. **Maintenance / Buildings & Grounds:** Includes funding for miscellaneous plant replacement, for the annual contract landscape maintenance program for all Village owned properties other than those under lock and key for security issues and the Public Works Reno Center. (Maintenance items related to other fund assets will be found in those budgets). In CY15, funding for landscape maintenance is increased due to the expiration of a three year contract at the end of 2014.
4. **Professional Services/Other:** Includes funding for weather forecasting and monitoring, Consulting Forester services. Additional services include a contracted tree inventory of Zone D in SY14 and Zone E in CY15. There is also funding for flower planting services if needed.
5. **CBD Appearance:** Funds material costs for three seasonal CBD flower plantings, four contracted seasonal flower clock displays, and to miscellaneous needs to improve the CBD appearance. In SY14, funding is dedicated for CBD planting bed upgrades and CY15 has funding for plantings in the Crescent/Glenwood parking lot.
6. **Tree Trimming:** Funds contractor trimming of parkway trees 9” Diameter Breast Height (DBH) and larger through our winter pruning program. DBH is the measurement of a tree’s diameter at a height of four and one half feet above the ground. Village staff will prune all trees 8” and less. The 2014-15 Program (SY14) will include all trees in Zone D and the 2015-16 Program (CY15) will include all trees in Zone E. (This will complete a 3 year contract that follows a calendar year time line.)
7. **Tree Removal:** Funds the second year of a three year contract providing for contractor removal of approximately 120 trees of 15" diameter and larger. We look to continue to utilize the tree contractor to remove stumps to grade and either Village crews or a Landscape Maintenance contractor will remove the rest of the grindings and restore with soil and seed.

8. **Tree Replacement:** Funding will be for the furnishing of parkway trees. In SY14 the Village will plant 250 parkway trees in the fall in order to reduce the number of available planting spaces increased by ash tree removals with EAB; 175 trees will be planted by a contractor and 75 will be planted in-house to reduce planting costs. In CY15, 250 trees will be planted, 125 in the Spring and 125 in the Fall with the same contractor and in-house breakdown.
9. **Developer Reforestation Program:** This fund used to provide maintenance to parkway trees that are damaged during construction by developers, builders and contractors. It is paid in the form of tree deposits set aside for parkway tree restoration and maintenance of damaged trees associated with private and public projects.
10. **EAB (Emerald Ash Borer) Program:** In March 2009, the Illinois Department of Agriculture confirmed the presence of EAB in Glen Ellyn. Since then, the Village has developed an EAB Management Plan which calls for a number of actions to be taken to combat this deadly insect. The Program for SY14 includes chemical for the EAB treatment of 387 trees by a contractor (an every other year program) and chemical treatment of 249 trees by Village crews. There are three treatment methods to provide an acceptable level of success. It also funds the contracted removal of 75 trees in SY14 and 50 trees in CY15 of 15”DHB and greater, including stump grinding. In 2013, together the Village (113) and Contractor (47) removed a total of 160 infested ash trees. Within the next two years there is the potential for up to 200 parkway ash trees to be identified for removal as these 200 trees do not currently have EAB but are only in fair condition and not candidates for chemical treatment.
11. **Safety Supplies:** Provides funding for traffic safety cones, and for PPE (safety hats, glasses, gloves, etc). Also funds the cost to provide OSHA required steel-toed boots for divisional employees.
12. **Capital Equipment:** Provides funding in SY14 for an additional motorized backpack soil injector for in house EAB treatments, two large chain saws and a vehicle back up camera. In CY15 there is funding for an additional chain saw, a hand held blower and a vehicle back up camera

VILLAGE OF GLEN ELLYN
 SY 14 ANNUAL BUDGET
 PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - OPERATIONS DIVISION

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY10/11 Budgeted Employees</u>	<u>FY11/12 Budgeted Employees</u>	<u>FY12/13 Budgeted Employees</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>
Street/Forestry Superintendent	FT	N	-	-	-	1.00	1.00
Utilities Superintendent	FT	N	-	-	-	1.00	1.00
Project Coordinator	FT	G	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
Crew Leader I	FT	I	3.00	3.00	3.00	3.00	4.00
Crew Leader II	FT	J	-	-	-	1.00	-
Customer Service Worker	FT	G	1.00	1.00	1.00	1.00	1.00
Maintenance Worker III	FT	G	-	-	-	-	-
Maintenance Worker II	FT	F	9.30	9.30	9.30	5.40	4.40
Maintenance Worker I	FT	E	<u>4.00</u>	4.00	4.00	6.00	7.00
Forestry Intern	PT	N/A		0.19	-	-	0.19
Village Forester	PT	L		0.60	0.60	-	-
Seasonal Staff	PT	N/A	0.60	3.57	3.57	3.57	3.57
TOTAL EMPLOYEES (Full-time Equivalent)			<u>19.90</u>	<u>23.66</u>	<u>23.47</u>	<u>23.97</u>	<u>24.16</u>
Full-time Number of Positions			19	19	19	20	20
Part-time Number of Positions	I		2	44	44	44	45

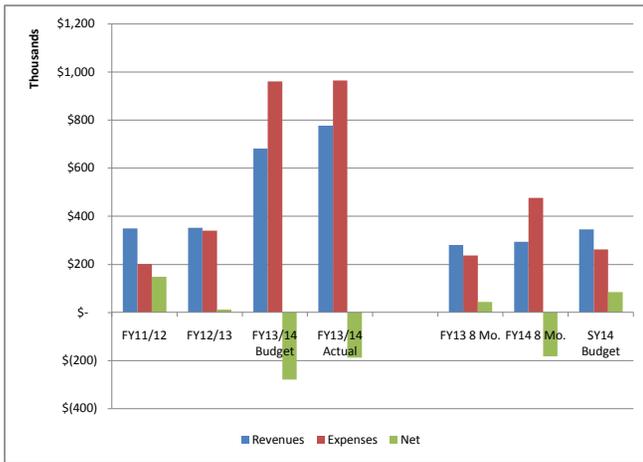
PARKING FUND

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
Revenues / Inflows (5300)								
430200	State Grant Revenue	\$ -	\$ 4,114	\$ 330,000	\$ 414,000	\$ -	\$ -	\$ 53,340
440530	Leased Parking Lot Fees	255,116	249,651	258,000	260,000	216,164	221,852	222,000
440532	Duane St / Lorraine Lot	66,716	70,737	70,000	72,000	48,188	50,574	51,000
440534	Coin Collections / Village Lots	18,622	18,603	16,000	20,000	10,904	12,781	12,800
440538	CNW Lot	3,571	4,305	4,000	4,000	2,853	2,657	2,600
460100	Interest Income	2,547	2,659	2,400	2,800	1,769	1,995	2,000
489000	Miscellaneous Income	1,650	1,725	1,000	3,000	275	2,969	1,000
489010	Lease Agreement - Ord 5808	300	300	-	300	300	300	300
TOTAL REVENUES		\$ 348,522	\$ 352,094	\$ 681,400	\$ 776,100	\$ 280,453	\$ 293,128	\$ 345,040
Expenses / Outflows (53000)								
Personnel Services								
510100	Salaries	\$ -	\$ -	\$ -	\$ -	\$ 95	\$ -	\$ -
510200	Overtime	-	-	-	-	-	-	-
510400	FICA	-	-	-	-	7	-	-
510500	IMRF	-	-	-	-	11	-	-
Subtotal		-	-	-	-	113	-	-
Contractual Services								
520700	Legal - General Counsel	\$ 2,395	\$ 10,563	\$ -	\$ -	\$ 10,507	\$ -	\$ -
520905	Printing	-	-	-	-	-	-	500
520970	Maintenance / Bldgs & Grounds	12,316	45,438	91,000	29,000	44,876	25,487	53,000 1
521055	Professional Services / Other	-	17,424	-	-	16,836	8,982	-
521155	Rental / Lease	23,897	23,521	23,500	23,500	19,454	19,197	15,700 2
521200	Utilities	1,967	2,308	2,200	3,500	1,885	2,307	2,200
590120	IFT / Service Charge	9,800	9,800	11,000	11,000	6,533	7,333	7,400
590130	IFT / Service Charge (PW)	104,900	104,900	104,900	104,900	69,933	97,133	70,300
590132	IFT / PW Operations - General	40,800	40,800	40,800	40,800	27,200	-	27,300 3
590610	IFT / Insurance - General	1,100	600	600	600	400	400	500
Subtotal		197,175	255,354	274,000	213,300	197,624	160,839	176,900
Commodities								
530105	Operating Supplies	3,744	3,178	4,500	7,000	3,178	5,965	4,200
Subtotal		3,744	3,178	4,500	7,000	3,178	5,965	4,200
Capital Outlay								
580100	Capital Projects	-	73,612	682,100	743,500	27,388	309,864	80,000 4
580110	Equipment	-	8,227	-	-	8,227	-	-
Subtotal		-	81,839	682,100	743,500	35,615	309,864	80,000
TOTAL EXPENSES		\$ 200,919	\$ 340,371	\$ 960,600	\$ 963,800	\$ 236,530	\$ 476,668	\$ 261,100
FUND INCREASE (DECREASE)		\$ 147,603	\$ 11,723	\$ (279,200)	\$ (187,700)	\$ 43,923	\$ (183,540)	\$ 83,940

PARKING FUND

<u>Available Cash Analysis</u>	
Available, May 1, 2013	\$ 1,145
Preliminary FY14 Inflow/(Outflow)	(188)
Budgeted SY14 Inflow/(Outflow)	84
Less Reserve Policy	<u>(59)</u>
Projected Available, December 31, 2014	<u>\$ 982</u>
<u>Reserve Policy (27% of operating budget)</u>	
Operating Budget (FY13/14 Est.)	\$ 220
Capital Expenditures	<u>744</u>
Total Parking Fund Budget	<u>\$ 964</u>



VILLAGE PARKING LOTS IN DOWNTOWN AREA

Available Spaces

Train Station Lots	226
Park / Montclair	173
Main Street	42
Crescent / Glenwood	81
Crescent Merchant	16
Hillside Merchant	15
Duane / Glenwood	47
Pennsylvania / Fire Station	76
Pennsylvania / Fire Station (Merchant)	<u>51</u>
	727
Duane / Lorraine	247
Metered - 3 hour	106
Metered - 6 hour	109
Handicapped	<u>8</u>
TOTAL*	<u><u>1,197</u></u>

**PARKING FUND
BUDGET FOOTNOTES**

1. **Maintenance / Buildings & Grounds:** Funds routine maintenance of the parking facilities and equipment including lights, meters, irrigation, signage, landscape, etc. Also included is funding for contracted line striping on an as needed basis. SY14 includes funding for infrastructure relocation costs of the Farmer's Market.
2. **Rental / Lease:** The Village maintains portions of its parking spaces along the railroad on Union Pacific property. The Village pays rent to the Union Pacific in an amount which approximates 1/3 of revenues generated on U.P. property. The Village is also leasing the parking lot at 485 Pennsylvania.
3. **IFT / Public Works Operations - General:** Inter-fund transfer to reimburse the General Fund for snow removal, parking space striping and lot sweeping by the Public Works Operations Division.
4. **Capital Improvements:** Funding in SY14 for crack sealing and line striping in the Main/Penn parking lot and resurfacing of the East and West Train Station lots. Funding in CY15 is for the paving of the Duane/Lorraine parking lot (\$200,000).

OPERATIONS – WATER/SEWER

The Utilities Division is responsible for the operation and maintenance of the Village water distribution and sanitary sewer collection systems, as well as, the storm water conveyance system. The storm sewer system is a separate system than the sanitary sewer system. The Village has 8,053 residential and 485 commercial services, for a total of 8,538 utility billing addresses, of which approximately 150 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; 1,265 fire hydrants; 1,368 water main line valves; and 8,717 water meters.
- 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 FY14

1. Completed the improvements to well #6 addressing water quality and pumping volume issues.
2. Installed a 350 KW, 480 volt back up diesel generator to assure full capacity water production at the North Pressure Adjusting Station in the event of a long term power outage. The North

Pressure Adjusting Station (the primary source of water for the north half of the Village) is one of two pressure adjusting stations that supply water to the Village of Glen Ellyn. This was the only water distribution pumping facility that did not have back up power.

3. Recoated the exterior and interior of the Newton Avenue Elevated Tower water storage tank. Fit interior of tank with mixer to stop ice build-up in the winter and prevent water stratification and bio film build up during the summer. Put Newton Avenue Elevated Tower on a long term maintenance program to ensure quality maintenance for the life of the tower.
4. Performed an ARC flash engineering study of all water production and sanitary lift station facilities to assess dangers and establish safe work zones in high voltage motor control environments.
5. Installed two new vortex submersible sanitary lift pumps to replace the pumps at Surrey Lift Station and installed one vortex pump to serve as the primary high flow pump at Orchard Lift station
6. Drained, cleaned and inspected the interior of Cottage Avenue Water Tower and the Wilson reservoir.
7. Extended the concrete pad at Newton Avenue Pumping Station and the Wilson Avenue Pumping Station roof was replaced.
8. An engineering study of the disinfection system was performed for the entire water production facility that includes both of our DWC pressure adjusting stations and our emergency stand by wells.
9. This year on the water distribution system we pulled 360 routine bacteria samples at a rate of 30 per month, all new construction bacteria samples, 34 water main break samples, and performed quarterly sampling of the water distribution system to test for disinfection by-products. 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.
10. Met all state and federal drinking water regulatory requirements.
11. Updated Water Atlas, flushed and lubed all 1,265 hydrants, and flushed all low flow dead end hydrants an additional two times.
12. Repaired 34 water main breaks.
13. Exercised 700 of the 1368 Water Distribution System main line valves. All valves have been exercised and inspected over the last two years as part of an initiative that began in 2012.
14. Videotaped approximately two miles of sanitary sewer main through a contractor and 10 miles in-house and prioritized the maintenance and reconstruction needs of these mains.

15. Cleaned 3.25 miles of sanitary sewer and 87 catch basins.
16. Responded to 119 sanitary sewer back up calls on residential lines and cleared 8 back-ups on Village owned sanitary mains.
17. Completed 356 work orders.
18. Marked sanitary sewer, storm sewer and water main locates for 5,667 JULIE requests.
19. 3 hydrants replaced, 4 hydrants repaired, 1 hydrant raised, 5 water distribution main line valves repaired, 30 B-box repairs, 3 B-boxes replaced, 1 mile of storm sewer televised, 4 storm sewer structures rebuilt, 17 storm sewer structure repairs, 190' of storm sewer installed, 2 sewer main repairs, 5 clean out repairs, 5 manhole frames adjusted to grade, 65 construction site restorations and 1,702 tons of construction site spoil loaded out.
20. Division training includes classes in wastewater collection systems, water production plant operations, CPR certification, confined space entry and flagger training.

Division Goals for SY14

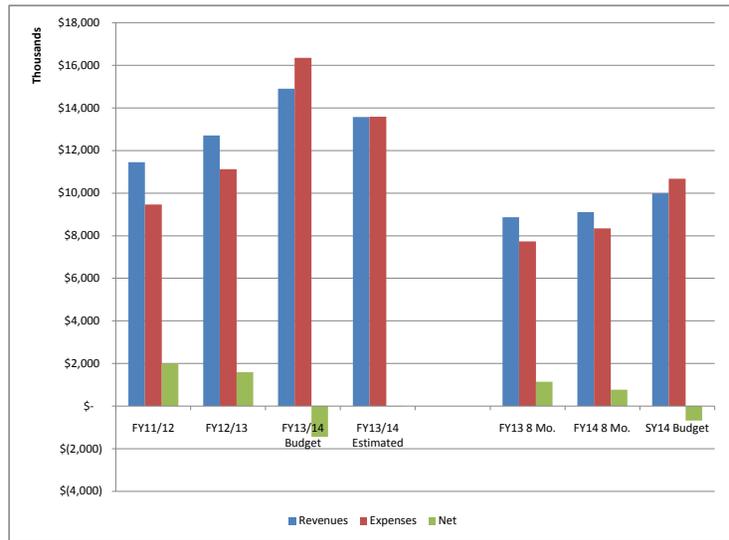
1. Reduce the amount of unaccounted water in the LMO report. This will reduce overall water costs to the Village.
2. Exercise half of the total 1,368 water distribution valves so that every valve is exercised once every two years.
3. Clean 5 miles of sanitary sewer, 1 mile of storm sewer and 100 catch basins.
4. "In House" televising 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 and 25% of all sanitary sewers that are pressure cleaned. The division plans to televise 15 miles of sanitary sewer. In addition, 2 miles of sanitary sewer will be televised by a contractor.
5. Clean the 6 storm sewer vortex separators in the Lake Ellyn / Riford Road storm sewer basin.
6. Continue training and integrating four new employees hired during the last 18 months.
7. Continue training to meet FEMA / NIMS requirements, and to train with DuPage Department of Homeland Security as scheduled.
8. Continue to monitor problematic sump pump discharge issues on Right of Way throughout the Village and report the information to management for resolution with the residents.
9. A new Cost Share program initiative will be proposed to address extensive rear yard flooding and significant sump pump discharges that are determined to be public safety issues.

WATER AND SANITARY SEWER FUND

Fund Summary

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
Water and Sanitary Sewer Revenues								
410112	Special Service Area Tax (Lambert Farms)	\$ 96,656	\$ 96,967	\$ 97,000	\$ 97,000	\$ 96,967	\$ 96,966	\$ 97,000
440510	Metered Water Revenue	5,344,581	5,952,563	7,207,000	6,310,000	4,183,739	4,304,224	4,789,000
440520	Sanitary Sewer Revenue	4,787,785	5,574,106	6,307,000	5,785,000	3,966,995	3,712,575	4,077,000
440521	Illinois American Water (Sewer)	574,634	412,844	618,000	618,000	232,745	434,613	500,000
440522	DuPage County (Sewer)	454,360	472,147	493,000	485,000	236,632	334,522	390,000
440527	Utility Inspections	30,950	26,250	30,000	30,000	21,250	22,450	20,000
440529	Clearwater Inspections	21,700	25,100	24,000	26,000	18,150	21,250	16,000
449000	Connection Fees	78,024	73,037	70,000	118,000	58,537	100,550	50,000
460100	Interest Income	8,526	14,308	10,500	18,000	8,798	12,300	7,000
	Other Revenue	55,726	58,500	55,000	85,800	47,784	64,587	37,000
	TOTAL REVENUES	\$ 11,452,942	\$ 12,705,822	\$ 14,911,500	\$ 13,572,800	\$ 8,871,597	\$ 9,104,037	\$ 9,983,000
Water and Sanitary Sewer Expenses								
<u>Water Division</u>								
	Personnel Services	\$ 544,942	\$ 615,213	\$ 642,200	\$ 642,200	\$ 422,555	\$ 418,532	\$ 450,300
	Contractual Services	1,046,531	903,415	1,120,330	1,127,600	593,984	592,266	657,710
	Commodities	2,109,990	3,251,087	3,959,000	3,960,700	2,106,208	2,233,531	2,802,300
	Capital Outlay	767,172	806,581	2,841,849	1,695,000	727,363	1,225,538	2,039,900
	Subtotal Water Division	4,468,635	5,576,296	8,563,379	7,425,500	3,850,110	4,469,867	5,950,210
<u>Sanitary Sewer Division</u>								
	Personnel Services	518,720	479,200	606,700	606,700	331,131	397,923	415,300
	Contractual Services	3,897,304	3,959,146	4,208,702	4,229,600	2,574,619	2,735,302	3,036,410
	Commodities	10,996	12,790	14,800	16,000	9,396	9,522	12,300
	Capital Outlay	563,204	1,094,510	2,967,764	1,310,000	971,431	725,550	1,256,000
	Subtotal Sanitary Sewer Division	4,990,224	5,545,646	7,797,966	6,162,300	3,886,577	3,868,297	4,720,010
	TOTAL EXPENSES	\$ 9,458,859	\$ 11,121,942	\$ 16,361,345	\$ 13,587,800	\$ 7,736,687	\$ 8,338,164	\$ 10,670,220
	FUND INCREASE (DECREASE)	\$ 1,994,083	\$ 1,583,880	\$ (1,449,845)	\$ (15,000)	\$ 1,134,910	\$ 765,873	\$ (687,220)

Available Cash Analysis (000's)	
Available, May 1, 2013	\$ 6,261
Preliminary FY14 Inflow/(Outflow)	(15)
Budgeted SY14 Inflow/(Outflow)	(687)
Projected Available, December 31, 2014	\$ 5,559
Minimum Reserve Policy as of SY14	2,126
Projected Available over (under) policy as of 12-31-15	3,432



WATER AND SANITARY SEWER FUND
Revenues

Village of Glen Ellyn
 SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget	
<u>Water Revenues / Inflows (5010)</u>									
440510	Metered Water Revenue	\$ 5,344,581	\$ 5,952,563	\$ 7,207,000	\$ 6,310,000	\$ 4,183,739	\$ 4,304,224	\$ 4,789,000	1
440512	Sale of New Meters	33,220	31,075	30,000	45,000	24,240	37,425	20,000	
440515	Water Main Construction Reimb.	(2,632)	-	-	-	-	-	-	
440527	Utility Inspections	15,475	13,125	15,000	15,000	10,625	11,200	10,000	
449000	Water Connection Fees	50,674	43,937	40,000	80,000	34,437	70,550	30,000	
460100	Interest Income	4,263	7,154	5,000	9,000	4,399	6,150	3,500	
489000	Miscellaneous Revenue	23,196	25,981	20,000	35,000	21,218	23,061	13,500	
489100	Miscellaneous Over/Short	801	(1,345)	-	(100)	(6)	(34)	-	
	TOTAL WATER REVENUES	5,469,578	6,072,490	7,317,000	6,493,900	4,278,652	4,452,576	4,866,000	
<u>Sanitary Sewer Revenues / Inflows (5020)</u>									
410112	Special Service Area Tax (Lambert Farms)	96,656	96,967	97,000	97,000	96,967	96,966	97,000	2
440520	Metered Sewer Revenue	4,503,457	5,288,199	6,022,000	5,500,000	3,777,236	3,522,636	3,887,000	3
440521	Illinois American Water	574,634	412,844	618,000	618,000	232,745	434,613	500,000	4
440522	DuPage County	454,360	472,147	493,000	485,000	236,632	334,522	390,000	5
440524	Sewer Repair Reimbursement	284,328	285,907	285,000	285,000	189,759	189,939	190,000	6
440526	Sewer Permit Fees	27,350	29,100	30,000	38,000	24,100	30,000	20,000	
440527	Utility Inspections	15,475	13,125	15,000	15,000	10,625	11,250	10,000	
440529	Clearwater Inspections	21,700	25,100	24,000	26,000	18,150	21,250	16,000	
449000	Dev. Reimb/Water Connection Fee	-	-	-	1,000	-	1,000	-	
460100	Interest Income	4,263	7,154	5,500	9,000	4,399	6,150	3,500	
489000	Miscellaneous Revenue	3,200	3,300	5,000	5,000	2,380	3,150	3,500	
489100	Miscellaneous Over/Short	(2,059)	(511)	-	(100)	(48)	(15)	-	
	TOTAL SEWER REVENUES	5,983,364	6,633,332	7,594,500	7,078,900	4,592,945	4,651,461	5,117,000	
	TOTAL WATER & SEWER REVENUES	\$ 11,452,942	\$ 12,705,822	\$ 14,911,500	\$ 13,572,800	\$ 8,871,597	\$ 9,104,037	\$ 9,983,000	

**WATER AND SANITARY SEWER FUND
REVENUE BUDGET FOOTNOTES**

1. **Metered Water Revenue:** Projected revenues for metered water sales are based on estimated water purchased from the DuPage Water Commission of approximately 626 million gallons during SY14 and 929 million gallons during CY15. We usually bill about 90% of the water we purchase (a portion of the water we purchase is unmetered or otherwise unaccounted for and is unbilled; examples include hydrant flushing, system leaks, meter accuracy). Based on this, we would expect to bill about 563 million gallons in SY14 and 836 million gallons in CY15.

Year	Gallons billed	Rate	Revenue
SY14	563,000,000	\$8.50	\$4,789,000
CY15	836,000,000	\$9.75	\$8,152,000

In 2012, the Village reviewed the adopted water and sewer rates through 2015. These combined rates will grow by 9.5% each year, and will cover the additional costs of water and services, as well as make appropriate capital investments. As part of that plan, there will be a 15% increase in the Village’s water rate as of January 1, 2015. The Commission will continue to increase rates due to the loss of the Commission’s sales tax in 2016 and to incorporate large rate increases passed on by the City of Chicago. Approved (by the DWC) rate increases are as follows:

Schedule of water
commodity rate increases

Date of Change	Rate per 1,000 Gal.	% Change
January 1, 2012	\$2.99	30%
January 1, 2013	\$3.59	20%
January 1, 2014	\$4.23	18%
January 1, 2015	\$4.95	17%

See Water Fund expenditure footnotes for additional details.

A summary of recent water rate adjustments is presented below:

Five year schedule of water rate changes

<u>Date of Change</u>	<u>Rate per 1,000 Gal.</u>	<u>% Change</u>
July 1, 2009	\$5.49	7.6%
June 1, 2010	\$6.04	10.0%
May 1, 2011	\$6.34	5.0%
January 1, 2012	\$6.42	1.3%
January 1, 2013	\$7.41	15%
January 1, 2014	\$8.50	15%
<u>Future rates:</u>		
January 1, 2015	\$9.75	15%

See the appendix for more historical rate information.

2. **Special Service Area Tax (Lambert Farms):** SY14 represents year 8 of a 20 year special service area which was established in 2006 to reimburse the Village for the construction of a new sanitary sewer system in the Lambert Farms subdivision which was previously served by private septic systems.

3. **Metered Sewer Revenue:** Projected revenues for sanitary sewer usage are based on estimated water purchased from the DuPage Water Commission of approximately 626 million gallons during SY14 and 929 million gallons during CY15. We usually bill about 90% of the water we purchase (a portion of the water we purchase is unmetered or otherwise unaccounted for and is unbilled; examples include hydrant flushing, system leaks, meter accuracy). Based on this, we would expect to bill about 563 million gallons in SY14 and 836 million gallons in CY15..

Year	Gallons billed	Rate	Revenue
SY14	563,000,000	\$6.90	\$3,887,000
CY15	836,000,000	\$7.11	\$5,945,000

In 2012, the Village reviewed the adopted water and sewer rates through 2015. These combined rates will grow by 9.5% each year, and will cover the additional costs of services, as well as make appropriate capital investments. As part of that plan, there will be a 4% increase in the Village’s sewer rate as of January 1, 2014. The proposed rate adjustment is needed to support operating cost increases, including payment to the Glenbard Wastewater Authority, and to support scheduled infrastructure improvements.

A summary of recent sewer rate adjustments is presented below:

Five year schedule of sewer rate changes

<u>Date of Change</u>	<u>Rate per 1,000 Gal.</u>	<u>% Change</u>
June 1, 2008	\$4.45	3.5%
June 1, 2010	\$4.90	10.0%
May 1, 2011	\$5.39	10.0%
January 1, 2012	\$6.42	19.1%
January 1, 2013	\$6.65	4.0%
January 1, 2014	\$6.90	4.0%
<u>Future rates:</u>		
January 1, 2015	\$7.11	3.0%

See the appendix for more historical rate information.

4. **Illinois American Water:** The Illinois American Water Company (formerly Citizens Utilities) is a privately owned utility company that serves an area south of Butterfield Road (such as the Valley View subdivision), and an area east of the river, north of Butterfield Road. Illinois American is a sanitary sewer customer of the Village of Glen Ellyn whose sewage is treated by, and represents about 9% of the total sewage flow treated by the Glenbard Wastewater Authority (GWA). Illinois American pays Glen Ellyn fees for sewage treatment at a rate based on the Wastewater Authority’s operating budget and maintenance costs of the South Regional Interceptor which is the transmission line to the GWA.

5. **DuPage County:** There are some 500 unincorporated addresses north of Glen Ellyn which are on the DuPage County sanitary sewer collection and utility billing system but whose sanitary sewage is treated by the Glenbard Wastewater Authority. DuPage County remits amounts billed for sanitary sewer service to the Village on a bi-monthly basis.

6. **Sanitary Sewer Repair Reimbursement:** This account is designed to assist residents with a 50-50 share of repair costs to their private sanitary service lines under a street or within 10 feet of the edge of a street. Each village utility customer address with a sanitary sewer charge pays \$2 per month to fund this program. An additional flat charge of \$1 per month (\$100,000 annual) was added effective May 1, 2006 to assist the Village in completing “inflow and infiltration” reduction projects which will reduce the amount of storm water (“clear water”) which enters the sanitary sewer system. This “clear water” increases sewage treatment costs, causes capacity problems at the Glenbard Wastewater Plant, and causes sewage back-ups into some homes during significant storm events.

WATER AND SANITARY SEWER FUND
Water Division

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget	
Water Expenses / Outflows (50100)									
Personnel Services									
510100	Salaries - Pension	\$ 385,939	\$ 445,119	\$ 463,000	\$ 463,000	\$ 298,770	\$ 314,247	\$ 323,000	1
510120	Salaries - Non-pension	30,168	32,285	40,500	40,500	21,795	23,678	38,300	2
510200	Overtime	30,143	33,670	28,800	28,800	27,589	13,410	15,000	
510300	Temporary Help	14,119	11,670	7,000	7,000	11,670	4,145	7,000	3
510400	FICA	34,064	38,191	40,900	40,900	26,196	25,862	28,000	
510500	IMRF	50,509	54,278	62,000	62,000	36,535	37,190	39,000	
		544,942	615,213	642,200	642,200	422,555	418,532	450,300	
Contractual Services									
520305	Employee Recognition	76	142	500	500	35	422	500	
520600	Dues / Subscriptions	2,841	3,320	2,300	2,600	2,296	2,128	2,000	
520620	Employee Education	1,958	1,533	6,300	6,300	1,433	2,284	4,350	
520625	Travel	2,676	2,082	3,300	3,300	1,308	1,915	2,500	
520700	Professional Services / Legal	2,384	-	3,000	3,000	-	-	3,000	
520835	Banking Services	9,878	20,398	12,000	15,000	11,113	10,234	12,000	4
520860	Bad Debt Expense	(313)	-	-	-	-	-	-	
520900	Postage	10,044	9,960	20,000	20,000	9,760	9,129	14,000	
520970	Maintenance / Bldgs & Grounds	42,005	51,298	106,900	106,900	31,708	25,268	32,500	5
520975	Maintenance / Equipment	8,141	7,090	16,800	16,800	5,708	5,239	14,500	
520985	Maintenance / ROW	58,300	52,128	64,903	59,000	34,437	30,541	44,000	6
521015	Maintenance / Water Meters	43,125	46,956	60,000	60,000	38,652	38,693	40,000	7
521020	Maintenance / Hydrants	19,467	12,560	42,000	42,000	3,240	279	42,000	8
521025	Maintenance / Valves	5,600	3,234	10,000	10,000	2,771	1,751	7,500	
521050	Maintenance / Other	16,671	18,001	20,000	20,000	10,006	6,875	14,000	9
521055	Professional Services / Other	240,626	131,689	233,527	248,400	84,494	88,941	136,650	10
521065	JULIE	5,996	6,337	6,500	6,500	3,069	3,268	3,600	
521195	Telecommunications	7,294	3,860	5,300	5,300	2,501	3,264	3,600	
521200	Utilities	39,162	34,353	29,200	24,200	19,185	11,255	20,000	
590113	IFT / Facilities Maintenance	10,000	10,000	10,000	10,000	6,667	6,667	6,700	
590120	IFT / Service Charge	150,000	150,000	150,000	150,000	100,000	100,000	100,500	
590130	IFT / Service Charge (PW)	90,700	90,700	-	-	60,467	-	-	
590131	IFT / General Fund Engineering	18,700	18,700	-	-	12,467	-	-	
590132	IFT / PW Operations - General	10,000	10,000	-	-	6,667	-	-	
590600	IFT / Health Insurance	67,600	62,574	72,700	72,700	41,667	55,713	43,010	
590610	IFT / Insurance - General	48,100	35,600	52,300	52,300	23,733	34,867	28,000	
590650	IFT / Equipment Service (O&M)	62,800	63,800	53,000	53,000	42,533	35,333	42,800	
590655	IFT / Equipment Service (Replace)	72,700	57,100	64,800	64,800	38,067	43,200	40,000	
590910	IFT / Contribution to Recreation Fund	-	-	75,000	75,000	-	75,000	-	
		1,046,531	903,415	1,120,330	1,127,600	593,984	592,266	657,710	
Commodities									
530100	Office Supplies	3,322	1,994	2,200	2,200	1,221	1,373	1,600	
530105	Operating Supplies	6,858	5,290	5,300	7,000	3,435	4,694	5,300	
530225	Safety Supplies	2,019	3,177	4,200	4,200	1,719	2,473	3,925	
530440	Treatment Costs	-	-	5,000	5,000	-	2,349	7,000	
530445	Uniforms	2,754	5,553	3,300	3,300	3,513	2,241	2,475	
530500	Purchase of Water	2,095,037	3,235,073	3,939,000	3,939,000	2,096,320	2,220,401	2,782,000	11
		2,109,990	3,251,087	3,959,000	3,960,700	2,106,208	2,233,531	2,802,300	
Capital Outlay									
580100	Capital Projects	727,835	793,658	2,680,254	1,564,000	719,268	1,198,458	1,859,000	12
580110	Equipment	39,337	12,923	161,595	131,000	8,095	27,080	180,900	13
		767,172	806,581	2,841,849	1,695,000	727,363	1,225,538	2,039,900	
TOTAL WATER EXPENSES		\$ 4,468,635	\$ 5,576,296	\$ 8,563,379	\$ 7,425,500	\$ 3,850,110	\$ 4,469,867	\$ 5,950,210	
Operating Expenses (less capital)		\$ 3,701,463	\$ 4,769,715	\$ 5,721,530	\$ 5,730,500	\$ 3,122,747	\$ 3,244,329	\$ 3,910,310	

WATER AND SANITARY SEWER FUND
 Water Division

Village of Glen Ellyn
 SY14 Budget

<u>Object Code</u>	<u>Account Description</u>	<u>FY11/12 Actual</u>	<u>FY12/13 Actual</u>	<u>FY13/14 Revised Budget</u>	<u>FY13/14 Estimated Actual</u>	<u>FY12/13 8 Month May-Dec</u>	<u>FY13/14 8 Month May-Dec</u>	<u>SY14 8 Month Budget</u>
WATER RECAP								
Revenues								
	Billed Revenues	\$ 5,344,581	\$ 5,952,563	\$ 7,207,000	\$ 6,310,000	\$ 4,183,739	\$ 4,304,224	\$ 4,789,000
	Non-Billed Revenues	<u>124,997</u>	<u>119,927</u>	<u>110,000</u>	<u>183,900</u>	<u>94,913</u>	<u>148,352</u>	<u>77,000</u>
		5,469,578	6,072,490	7,317,000	6,493,900	4,278,652	4,452,576	4,866,000
Expenditures								
	Operating Expenses	\$ 3,701,463	\$ 4,769,715	\$ 5,721,530	\$ 5,730,500	\$ 3,122,747	\$ 3,244,329	\$ 3,910,310
	Capital / Debt Expenses	<u>767,172</u>	<u>806,581</u>	<u>2,841,849</u>	<u>1,695,000</u>	<u>727,363</u>	<u>1,225,538</u>	<u>2,039,900</u>
	Total Expenses	<u>4,468,635</u>	<u>5,576,296</u>	<u>8,563,379</u>	<u>7,425,500</u>	<u>3,850,110</u>	<u>4,469,867</u>	<u>5,950,210</u>
	Fund Increase / (Decrease)	<u>\$ 1,000,943</u>	<u>\$ 496,194</u>	<u>\$ (1,246,379)</u>	<u>\$ (931,600)</u>	<u>\$ 428,542</u>	<u>\$ (17,291)</u>	<u>\$ (1,084,210)</u>

UTILITIES DIVISION – WATER FUND
BUDGET FOOTNOTES

1. **Salaries – pension:** Provides for (50%) of the eleven member Public Works Utilities Division staff that will be funded through the Water Fund budget and varying percentages of seven employees in the Admin/Engineering Division.
2. **Salaries – non-pension:** Provides for five part-time meter readers who read all 8,200 water meters in the Village each month and a part-time administrative assistant (33%).
3. **Temporary Help:** Provides for a percentage (50%) of three summer seasonal (12 week) employees that work for the Utilities Division of Public Works. Seasonal employees work on many aspects of Utilities operations including water distribution system and sewer collection system maintenance activities.
4. **Bank Charges:** Costs associated with the acceptance various forms of payment for the utility bill payments, including lockbox services, online check payments, online web payments, and credit cards.
5. **Maintenance / Buildings & Grounds:** Provides for annual landscape maintenance contract at the Cottage Avenue elevated tank site and the West Pressure Adjusting Stations. Also funds the Cottage Avenue maintenance contract and miscellaneous supplies and equipment to assure our water distribution facilities are maintained in a secure and in proper working order.
6. **Maintenance / ROW:** Provides for restoration of streets and parkways disturbed during water system repairs (concrete, asphalt, and landscaping material) including the water portion of the material hauling contract for spoil removal and stone delivery. As a result of excavations, Public Works hauls out approximately 1,200 cubic yards of spoil, and purchases 550 tons of gravel each year.
7. **Maintenance / Water Meters:** Provides for water meters, copper horns, and radio reads for new residential and commercial accounts and miscellaneous repair parts as needed. Radio-read units are typically installed when a new meter is required. The cost associated with this upgrade is recovered in the meter fee portion of the building permit for the home or business.
8. **Maintenance / Hydrants:** Provides funding to purchase parts and supplies to maintain and replace hydrants. On average, the Utilities Division replaces 8 hydrants per year in addition to those replaced as part of our extensive Capital Improvements Program. Also funds in SY14 the 3rd year and in CY15 the 4th and 5th years of a 5 year program (working north to south) to sand blast and repaint all Village hydrants.
9. **Maintenance / Other:** Provides for all materials for water main and service line repairs including copper tubing, b-boxes, brass fittings, repair clamps, couplers and fittings.

10. **Professional Services / Other:** This item covers the cost of various types of services and studies provided by contractors and consultants including such typical and reoccurring expenditures including: water leak location assistance connected with suspected water main breaks; ongoing testing of large meters; emergency water main break repairs; concrete saw cutting; editing and printing of the Illinois EPA mandated annual water quality Consumer Confidence Report; locating and exercising of 700 distribution valves in the system (numbering some 1,400); root pruning prior to excavating to minimize damage to adjacent tree root structures; traffic control device rental; chemical water analyses; bacterial water analyses and a percentage of the Cartegraph software annual contract. Also funds electrical maintenance; maintenance to auxiliary electric generators; outsourcing the printing and distribution of more than 100,000 water bills annually and for water quality testing to be compliant with the IEPA Unregulated Contaminants Monitoring Rule #3 that requires VGE to perform additional quarterly testing for five consecutive quarters starting December 2013. Also funds a portion of the GIS Consortium costs.
11. **Purchase of Water:** The Village purchases its Lake Michigan water through the DuPage Water Commission. Water from the DWC is metered and billed to the Village monthly. The Water Commission sets the rates billed to municipal customers annually and establishes a commodity or “O&M” rate based on the number of gallons purchased and also assesses a monthly “fixed cost” charge to pay for bonds issued to construct the DWC distribution system. The SY14 budget will complete the third year of a four year rate increase from the DWC. From 5-01-14 through 12-31-14 it is estimated that the Village will purchase 656 million gallons at \$4.24 per 1,000 for \$2,782,000. The CY15 budget will complete the fourth year of a four year rate increase from the DWC. From 1-01-15 through 12-31-15 it is estimated that the Village will purchase 929 million gallons at \$4.96 per 1,000 for \$4,607,800.
12. **Capital Projects:** This line item encompasses replacements or enhancements to the water supply and distribution systems. Please refer to the following Capital Projects Fund table for more expansive project descriptions.

FY 14 Projected	
Project Description	Estimated Cost
a. Oak-Euclid-Forest-Alley Improvements (#13004) – Water system improvements included the lining of the Oak Street water main (the first time that this rehabilitation technique has been utilized in Glen Ellyn); new water main on Forest; and new service lines plus the retirement of 4-inch water mains on Euclid between Hawthorne and Maple. Water Fund costs included supplemental design engineering (\$14,000), construction engineering (\$64,000), construction (\$700,000) and miscellaneous (\$2,000).	\$780,000
b. 2013 Street Improvements (#13005) – New water main and services were installed on Brandon, Grandview and Cranston Court as part of the 2013 rehabilitation project on five street segments in the central portion of the	\$543,000

Village. Associated costs included design engineering (final payout - \$2,000), construction engineering (\$40,000), construction (\$500,000) and miscellaneous (\$1,000).	
c. Hawthorne Improvements (#12001) – Close-out of this 2012 project consisting of final contractor payout of \$10,000 for water-related improvements.	\$10,000
d. Riford Road Reconstruction (#00505) – Close-out expenditures associated with final payments to IDOT (\$13,000) and the construction engineer (\$4,000).	\$17,000
e. Essex Court / Grand / Lake Improvements (#00702) – Final construction and construction oversight costs for the 2011 ELOG project.	\$1,000
f. Miscellaneous Construction Engineering Expenses Associated with Project Close-outs – Civiltech Engineering provided construction engineering services for a series of 2010 and 2011 projects that were completed except for the production of record drawings, final reports and, in the case of the Bryant – Thain’s Addition project, additional services rendered during construction. Projects and FY14 capital program expenditures included: <ul style="list-style-type: none"> □ 2010 Bryant-Thain’s Addition (#00904 – \$6,000) □ 2011 Sunset-Turner Project (#00902 – \$1,000) 	\$7,000
g. Newton Water Tank Recoating – Since 2008, the Village has partnered with Utility Service Company in a long-term arrangement for maintenance of the Cottage Avenue elevated tank. A similar arrangement was approved in 2013 for the Newton elevated tank located near the YMCA. Under the terms of the agreement, USC would immediately improve the facility by repairing failed interior and exterior coatings and install a tank mixer to improve cold weather operations. Costs shown include the first of five higher annual payments designed to spread out the payments for the work performed immediately.	\$136,000
h. Design Engineering – Funding for water main design work for future projects:	0
1. Hill Avenue Utility Extensions (#00511) – Expenditures to provide any consultations and minimal paperwork required by IEPA for the long-standing project to install water main on Hill Avenue between Cumnor and the East Branch of the DuPage River and areas to the immediate north.	\$1,000
2. North Park Boulevard Rehabilitation STP Project (#13001) – Continued Phase I engineering expenses associated with water system work associated with the project to reconstruct Park between Roosevelt and Fairview and resurface the balance of the roadway to the railroad tracks.	\$5,000
3. Roosevelt Road Water Main Replacement (#13008) – Preliminary engineering was initiated in the fall of 2012 to determine the scope, routing, scheduling and costs of water main replacements on IL Route 38 from the Wheaton border to Route 53.	\$4,000

<p>4. CELL (Chidester-Elm-Lenox-Linden) Improvements Project (#13003) – Design engineering costs for proposed water system improvements associated with the rehabilitation of four streets near Lake Ellyn Park.</p>	<p>\$28,000</p>
<p>5. Elm-Cottage-Geneva Connectors Improvements (#14004) – Consultant expenditures to design water main improvements for project to resurface Elm between Western and Main and Euclid between Oak and Elm and rehabilitate Cottage between Western and Pleasant; Prairie between Oak and Elm; and sections of Prairie, Pleasant, Euclid and Highland between Elm and Geneva.</p>	<p>\$10,000</p>
<p>6. Glenwood-Arbor-Ridgewood Improvements (#14005) – Fees for design of water improvements needed for substantial reconstruction of Glenwood between Greenfield and Turner; Glenwood between Hill and Hillside; Arbor Court; and Ridgewood between Brandon and Main.</p>	<p>\$22,000</p>
<p>Total for line item:</p>	<p>\$1,564,000</p>

<p>SY 14 Budget</p>	
<p>Project Description</p>	<p>Estimated Cost</p>
<p>a. CELL (Chidester-Elm-Lenox-Linden) Improvements Project (#13003) – Construction and field engineering costs for water system improvements as part of the project to install roadway and utility improvements on Chidester and Elm between Lenox and Riford, on Lenox between Hawthorne and Oak, and Linden between Main and Lenox. New water main will be installed on Chidester, Elm and Lenox.</p>	<p>\$720,000</p>
<p>b. Elm-Cottage-Geneva Connectors Improvements (#14004) – Planned water system improvements in the project to rehabilitate about 1.1 miles of roadways include new water mains on Prairie between Oak and Elm and Pleasant between Elm and Geneva; a new fire hydrant at Elm and Geneva; and water service transfers on Cottage.</p>	<p>\$300,000</p>
<p>c. Route 53 Water Main Lining – Design engineering and installation of a potable water lining in the 12-inch main on the south side of Route 53 between Spring and Surrey where two breaks were experienced in 2013.</p>	<p>\$530,000</p>
<p>d. Newton Water Tank Recoating – Year two of five higher payments to Utility Service Company in a long-term arrangement for maintenance of the Newton Avenue elevated tank. The payments cover distributed costs for tank</p>	<p>\$136,000</p>

improvements and recoating to be performed in calendar year 2014.	
e. Reno Material Storage Bin Repairs – Replacement of reinforced concrete wall on east end of bins.	\$25,000
f. Design Engineering – Funding to accommodate design engineering for capital projects anticipated in the coming years. Please refer to the Capital Improvements footnotes section for more complete project descriptions.	0
1. Roosevelt Road Water Main Replacement (#13008) – Design engineering for recommended water system improvements along Roosevelt Road between the Wheaton border and Route 53, based on the preliminary engineering report completed in early 2014.	\$125,000
2. North Park Boulevard Rehabilitation STP Project (#13001) – Continued Phase I engineering expenses for the detailed design of water system improvements in the project corridor.	\$3,000
3. Crescent Boulevard Reconstruction STP Project (#13002) – Phase II engineering expenses for the detailed design of any required water system modifications associated with the project to reconstruct Crescent between Park and Lake.	\$5,000
4. 2015 Street Improvements – Engineering related to needed water system replacements and upgrades associated with planned 2015 street rehabilitation projects.	\$15,000
Total for line item:	\$1,859,000

CY 15 Budget	
Project Description	Estimated Cost
a. CBD Roadway Rehabilitation – Allowance for various water system improvements as part of the planned 2015 roadway and streetscaping project for the Central Business District streets.	\$110,000
b. 2015 Street Improvements – Planned water system improvements include water service conversions and retirement of the 4-inch main on Kenilworth between Greenfield and Hill.	\$110,000
c. Crescent Boulevard Reconstruction STP Project (#13002) – Construction and field engineering costs for water system improvements as part of the project to improve the roadway corridor in front of Glenbard West High School	\$85,000

d. Glenwood-Arbor-Ridgewood Improvements (#14005) – Water mains will be replaced on Glenwood and Ridgewood as part of the project to rehabilitate 0.8 miles of roadways in the central part of the Village (Arbor Court does not have a water main).	\$675,000
e. Roosevelt Road Water Main Replacement (#13008) – Initial year of a two year construction project to rehabilitate Roosevelt Road water mains between the Wheaton border and Route 53.	\$950,000
f. Newton Water Tank Recoating – Year three of five higher payments to Utility Service Company in a long-term arrangement for maintenance of the Newton Avenue elevated tank. The payments cover distributed costs for tank improvements and recoating performed in 2014.	\$136,000
g. Design Engineering – Funding to accommodate design engineering for capital projects anticipated in the coming years. Please refer to the Capital Improvements footnotes section for more complete project descriptions.	0
1. North Park Boulevard Rehabilitation STP Project (#13001) – Phase II engineering expenses for the detailed design of water system improvements in the project corridor.	\$30,000
2. 2016 Street Improvements – Engineering related to needed water system replacements and upgrades associated with planned 2016 street rehabilitation projects.	\$30,000
Total for line item:	\$2,126,000

13. Equipment:

SY14

- \$130,000 for new Compact Logix PLC's to replace 23 year old RTU's installed with the original SCADA system
- \$36,400 for meter reading equipment
- \$6,000 for Fluke 754 Process Calibrator
- \$1,500 for a Fluke 700D6 Pressure Module
- \$5,000 for a SR30 Listening Device to assist in locating water leaks
- \$1,000 for a snow blower for the NPAS
- \$1,000 for a vehicle back up camera

CY15

- \$250,000 for chlorine equipment upgrades to entire system (as determined by the Chlorine Engineering funded in FY13/14)

WATER AND SANITARY SEWER FUND
Sanitary Sewer Division

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget	
Sewer Expenses / Outflows (50200)									
Personnel Services									
510100	Salaries - Pension	\$ 385,939	\$ 359,362	\$ 463,000	\$ 463,000	\$ 241,380	\$ 314,026	\$ 323,000	1
510120	Salaries - Non-pension	5,808	6,058	7,500	7,500	4,288	4,778	5,300	
510200	Overtime	30,143	28,906	28,800	28,800	23,896	13,410	15,000	
510300	Temporary Help	14,119	11,670	7,000	7,000	11,670	4,145	7,000	2
510400	FICA	32,201	29,540	38,400	38,400	20,383	24,401	26,000	
510500	IMRF	50,510	43,664	62,000	62,000	29,514	37,163	39,000	
		518,720	479,200	606,700	606,700	331,131	397,923	415,300	
Contractual Services									
520600	Dues / Subscriptions	94	397	9,700	9,700	315	68	4,100	
520620	Employee Education	298	1,268	3,900	3,900	1,268	2,824	2,800	
520625	Travel	-	-	600	600	-	255	600	
520700	Professional Services / Legal	1,928	4,894	1,000	1,000	281	338	1,000	
520825	Audit Fees	-	-	1,500	1,500	-	-	1,500	
520835	Banking Services	9,778	20,272	12,000	12,000	11,113	9,996	6,000	3
520900	Postage	7,517	7,532	17,000	17,000	7,500	6,611	7,000	4
520970	Maintenance / Bldgs & Grounds	1,741	3,584	4,500	4,500	1,488	1,142	2,000	
520975	Maintenance / Equipment	5,105	13,914	9,300	9,300	8,720	3,868	9,000	
520985	Maintenance / ROW	21,369	44,201	69,652	48,500	36,152	18,391	33,500	5
521005	Maintenance / Storm Sewers	4,317	14,774	20,000	20,000	7,426	6,158	15,000	
521010	Maintenance / Sanitary Sewers	27,452	12,922	30,000	30,000	3,507	12,503	20,000	
521050	Maintenance / Other	-	-	-	200	-	157	-	
521055	Professional Services / Other	42,130	88,021	148,400	148,400	62,336	49,938	99,150	6
521130	Payment - Glenbard Wastewater	2,990,169	2,994,802	3,108,500	3,108,500	1,984,987	2,071,357	2,370,000	7
521140	Service Line Cost Share Program	38,720	35,418	55,886	50,000	13,780	13,995	35,000	8
521145	Overhead Sewer Program	23,765	5,488	30,000	80,000	2,500	43,015	35,000	9
521150	Sanitary Sewer Televising	25,669	37,499	42,264	40,000	1,763	47,458	34,250	10
521195	Telecommunications	3,510	3,091	4,800	4,800	2,028	2,628	4,100	
521200	Utilities	6,197	3,881	8,000	8,000	2,281	9,272	5,500	
550590	IEPA Loan (Lambert Farms)	107,945	107,945	108,000	108,000	53,973	53,973	54,000	11
590113	IFT / Facilities Maintenance	10,000	10,000	10,000	10,000	6,667	6,667	6,700	
590120	IFT / Service Charge	150,000	150,000	150,000	150,000	100,000	100,000	100,500	
590130	IFT / Service Charge (PW)	100,600	100,600	-	-	67,067	6,667	-	
590131	IFT / General Fund Engineering	18,700	18,700	-	-	12,467	-	-	
590132	IFT / PW Operations - General	-	-	10,000	10,000	-	-	6,700	
590600	IFT / Health Insurance	67,600	61,943	72,700	72,700	41,667	55,687	43,010	
590610	IFT / Insurance - General	47,200	33,800	58,600	58,600	22,533	39,067	24,600	
590650	IFT / Equipment Service (O&M)	62,400	61,100	54,700	54,700	40,733	36,467	40,000	
590655	IFT / Equipment Service (Repl.)	123,100	123,100	92,700	92,700	82,067	61,800	75,400	
590910	IFT / Contribution to Recreation Fund	-	-	75,000	75,000	-	75,000	-	
590690	IFT / Facilities Maintenance Resrv	-	-	-	-	-	-	-	
		3,897,304	3,959,146	4,208,702	4,229,600	2,574,619	2,735,302	3,036,410	
Commodities									
530100	Office Supplies	3,307	1,714	2,200	2,200	1,147	1,275	1,600	
530105	Operating Supplies	2,108	2,646	3,000	3,700	2,201	2,542	2,500	
530225	Safety Supplies	2,257	4,124	6,300	6,000	2,498	3,464	5,725	
530445	Uniforms	3,324	4,306	3,300	4,100	3,550	2,241	2,475	
		10,996	12,790	14,800	16,000	9,396	9,522	12,300	
Capital Outlay									
580100	Capital Projects	559,310	956,903	2,870,169	1,277,000	909,061	687,265	1,218,000	12
580110	Equipment	3,894	137,607	97,595	33,000	62,370	38,285	38,000	13
		563,204	1,094,510	2,967,764	1,310,000	971,431	725,550	1,256,000	
TOTAL SEWER EXPENSES		\$ 4,990,224	\$ 5,545,646	\$ 7,797,966	\$ 6,162,300	\$ 3,886,577	\$ 3,868,297	\$ 4,720,010	
Operating Expenses (less capital)		\$ 4,427,020	\$ 4,343,191	\$ 4,722,202	\$ 4,744,300	\$ 2,861,173	\$ 3,088,774	\$ 3,410,010	

WATER AND SANITARY SEWER FUND
Sanitary Sewer Division

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
SANITARY SEWER RECAP								
<u>Revenues</u>								
	Billed Revenues	\$ 5,816,779	\$ 6,459,097	\$ 7,418,000	\$ 6,888,000	\$ 4,436,372	\$ 4,481,710	\$ 4,967,000
	Non-Billed Revenues	<u>129,410</u>	<u>174,235</u>	<u>176,500</u>	<u>189,900</u>	<u>156,573</u>	<u>168,751</u>	<u>150,000</u>
		5,946,189	6,633,332	7,594,500	7,077,900	4,592,945	4,650,461	5,117,000
<u>Expenditures</u>								
	Operating Expenses	\$ 4,319,075	\$ 4,343,191	\$ 4,722,202	\$ 4,744,300	\$ 2,861,173	\$ 3,088,774	\$ 3,410,010
	Capital / Debt Expenses	<u>671,149</u>	<u>1,202,455</u>	<u>3,075,764</u>	<u>1,418,000</u>	<u>1,025,404</u>	<u>779,523</u>	<u>1,310,000</u>
	Total Expenses	4,990,224	5,545,646	7,797,966	6,162,300	3,886,577	3,868,297	4,720,010
	Fund Increase / (Decrease)	<u>\$ 955,965</u>	<u>\$ 1,087,686</u>	<u>\$ (203,466)</u>	<u>\$ 915,600</u>	<u>\$ 706,368</u>	<u>\$ 782,164</u>	<u>\$ 396,990</u>

UTILITIES DIVISION – SEWER FUND
BUDGET FOOTNOTES

1. **Salaries - pension:** Provides for (50%) of the eleven member Public Works Utilities Division staff that will be funded through the Sewer Fund budget and varying percentages of seven employees in the Admin/Engineering Division.
2. **Temporary Help:** Provides for a percentage (50%) of three summer seasonal employees that work for 12 weeks for the Utilities Division of Public Works. Seasonal employees work on many of the aspects of Utilities including performing maintenance on sewer structures, pipes, concrete, as well as catch basin and sanitary sewer cleaning.
3. **Bank Charges:** Costs associated with the acceptance various forms of payment for the utility bill payments, including lockbox services, online check payments, online web payments, and credit cards.
4. **Postage:** Costs associated with the monthly Village utility bills are now allocated to the Water (33.3%) and Sanitary Sewer (33.3%) Fund and the Residential Solid Waste Fund (33.3%).
5. **Maintenance / ROW:** Provides funding for restoration of streets and parkways disturbed during system repairs. This includes the Sewer portion of the concrete restoration contract, landscape materials, IEPA spoil testing, and the sewer portion of the Material Hauling Contract for spoil removal and stone delivery.
6. **Professional Services / Other:** Funds the cost of various types of services and studies provided by contractors and consultants: emergency repairs to sanitary sewer mains that are deeper than Public Works equipment can safely reach; pavement saw cutting contract; root pruning prior to excavations; lift station maintenance by service contractors/vendors; electrical maintenance; maintenance to the 40 KW auxiliary electric generator; cleaning the 6 vortex separators at Lake Ellyn (in CY15 only as it is completed in April each year); bacteria treatments to our sanitary sewer system and emergency power rodding and televising. Also includes funding to contract the outside printing and mailing of more than 100,000 utility bills annually. Also funds portions of the GIS Consortium costs and the Cartegraph software annual contract.
7. **Glenbard Wastewater Authority (GWA):** Funds treatment of wastewater generated by Glen Ellyn and portions of unincorporated Glen Ellyn served by the Illinois-American Water Company and DuPage County. Total plant flow at the GWA Bemis Road facility has averaged about 4.8 billion gallons of wastewater per year over the last three calendar years. For general treatment plant operations, the facility partners (Glen Ellyn and Lombard) share expenses based on flow contributions – about 48% of the plant flow is contributed by Glen Ellyn/IL-American/DuPage County.
8. **Service Line Maintenance:** Funding for an account designed to assist residents with a 50-50

share cost of repairs to sanitary service lines under Village streets and/or within 10' of the back of curb. Furthermore, this fund also provides for the following expenditures incurred by the Village's portion of the 50-50 share cost program: staff times for inspection and project specific record documentation, asphalt restoration, concrete restoration, and landscape restoration.

9. **Overhead Sewer Program**: Funding for a program that provides reimbursements to residents that install an overhead sewer or backflow prevention valve in order to protect their home from sanitary sewer backups. The individual grant amounts are 50% of the cost of the project or \$5,000, whichever is less.
10. **Sanitary Sewer Televising**: Funds annual contract sanitary sewer cleaning and televising of approximately three miles of sanitary sewer, of which the majority is in advance of future road projects. The contracted dollar amount is reduced due to in-house televising capabilities and the yearly in-house cleaning of 10 miles of sanitary sewer.
11. **IEPA Loan (Lambert Farms)**: Principal and interest payments for the 15-year IEPA loan received in 2006 to help construct a public sanitary sewer system in the Lambert Farms Subdivision. Residents of this area are paying a special service area property tax over a 20-year period in order to pay for construction expenses.
12. **Capital Projects**: This line item encompasses replacements or enhancements to the sanitary sewer collection and conveyance systems. Please refer to the following Capital Projects Fund table for more expansive project descriptions.

FY 14 Projected	
Project Description	Estimated Cost
a. Oak-Euclid-Forest-Alley Improvements (#13004) – Sanitary system improvements on Euclid and Forest associated with street rehabilitation, including spot repairs and sanitary sewer service line replacements from the main into the parkway. Costs included supplemental design engineering (\$4,000), construction engineering (\$27,000), construction (\$300,000) and miscellaneous (\$1,000).	\$332,000
b. 2013 Street Improvements (#13005) – Spot repairs and new services were installed on Brandon, Grandview and Cranston Court as part of the 2013 rehabilitation project in the central portion of the Village. Associated costs included design engineering (final payout - \$2,000), construction engineering (\$18,000), construction (\$225,000) and miscellaneous (\$500).	\$245,500
c. Sewer Lining – Approximately 20,000 ft. of sanitary sewers were lined with the combined FY 13/14 program, principally on roadways rehabilitated in the 2011 – 2013 timeframe.	\$500,000

d. Hawthorne Improvements (#12001) – Close-out of this 2012 project consisting of final contractor payout of \$3,500 for water-related improvements.	\$3,500
e. Riford Road Reconstruction (#00505) – Close-out expenditures associated with final payments to IDOT (\$112,000), construction engineer (\$2,000) and 715 St. Charles Road resident (\$6,000).	\$120,000
f. Essex Court / Grand / Lake Improvements (#00702) – Final construction and construction oversight costs for the 2011 ELOG project.	\$3,000
g. Miscellaneous Construction Engineering Expenses Associated with Project Close-outs – Civiltech Engineering provided construction engineering services for a series of 2010 and 2011 projects that were completed except for the production of record drawings, final reports and, in the case of the Bryant – Thain’s Addition project, additional services rendered during construction. Projects and FY14 capital program expenditures included: <ul style="list-style-type: none"> ❑ 2010 Bryant-Thain’s Addition (#00904 – \$6,000) ❑ 2011 Sunset-Turner Project (#00902 – \$1,000) 	\$7,000
h. Design Engineering – Funding for water main design work for future projects:	0
1. Hill Avenue Utility Extensions (#00511) – Expenditures to provide for consultant input and minimal paperwork required for a possible IEPA low interest loan for the long-standing project to install sanitary sewer on Hill Avenue between Cumnor and the East Branch of the DuPage River and areas to the immediate north.	\$500
2. North Park Boulevard Rehabilitation STP Project (#13001) – Continued Phase I engineering expenses associated with sanitary sewer system work associated with the project to reconstruct Park between Roosevelt and Fairview and resurface the balance of the roadway to the railroad tracks.	\$5,000
3. SSES Follow-up / Clear Water Reduction Program – The RJN Group organized and provided various materials on observed deficiencies as a follow-up to recently completed SSES and related studies.	\$10,000
4. CELL (Chidester-Elm-Lenox-Linden) Improvements Project (#13003) – Design engineering costs for proposed sanitary sewer improvements associated with the rehabilitation of four streets near Lake Ellyn Park.	\$28,000
5. Elm-Cottage-Geneva Connectors Improvements (#14004) – Consultant expenditures to design sanitary sewer main and service line improvements on Elm, Cottage, Prairie, Pleasant, Euclid and Highland.	\$10,000

6. Glenwood-Arbor-Ridgewood Improvements (#14005) – Fees for design of sanitary sewer system improvements needed for substantial reconstruction on Glenwood, Arbor Ct. and Ridgewood.	\$12,500
Total for line item:	\$1,277,000

SY 14 Budget	
Project Description	Estimated Cost
a. CELL (Chidester-Elm-Lenox-Linden) Improvements Project (#13003) – Construction and field engineering costs for sanitary sewer improvements as part of the project to install roadway and utility improvements on Chidester and Elm between Lenox and Riford, on Lenox between Hawthorne and Oak, and Linden between Main and Lenox. Sanitary sewer services will be replaced on Lenox, Elm and Chidester and various spot repairs made as identified through sewer main videos.	\$340,000
b. Elm-Cottage-Geneva Connectors Improvements (#14004) – Planned sanitary sewer system improvements in the project to rehabilitate about 1.1 miles of roadways consisting of spot main repairs and sewer service upgrades on sections of Cottage and Prairie.	\$200,000
d. Sewer Lining / SSES Follow-up – Provides funding for the continuing program to rehabilitate pipes and manholes in the Village sanitary sewer system. The proposed program consists of: <ul style="list-style-type: none"> ❑ Sewer Lining (\$350,000) ❑ Manhole Top Repairs / Frame & Cover Replacements (\$50,000) ❑ Manhole Cementitious Lining (\$100,000) ❑ Sewer Pipe Repairs identified via Dye Testing or Video Reviews (\$50,000) 	\$550,000
e. Reno Material Storage Bin Repairs – Replacement of reinforced concrete wall on east end of bins.	\$25,000
f. Design Engineering – Funding to accommodate design engineering for capital projects anticipated in the coming years. Please refer to the Capital Improvements footnotes section for more complete project descriptions.	0
1. SSES Follow-up / Clear Water Reduction Program – Allowance for assistance to staff for development of design documents or consultations	\$25,000

regarding clear water reduction efforts undertaken by Public Works personnel.	
2. North Park Boulevard Rehabilitation STP Project (#13001) – Continued Phase I engineering expenses for the detailed design of sanitary sewer system improvements in the project corridor.	\$3,000
3. 2015 Street Improvements – Engineering related to needed sanitary sewer system replacements and upgrades associated with planned 2015 street rehabilitation projects.	\$25,000
4. Lift Station Replacement – Design engineering for the rehabilitation of the Memory Ct. lift station.	\$50,000
Total for line item:	\$1,218,000

CY 15 Budget	
Project Description	Estimated Cost
a. CBD Roadway Rehabilitation – Allowance for various sanitary sewer system improvements as part of the planned 2015 roadway and streetscaping project for the Central Business District streets.	\$325,000
b. 2015 Street Improvements – Planned sanitary system improvements include sewer service line replacements between the main and the parkway on Kenilworth between Greenfield and Hill and miscellaneous spot repairs.	\$135,000
c. Glenwood-Arbor-Ridgewood Improvements (#14005) – Sanitary sewer services will be replaced on Glenwood and Ridgewood and spot repairs made on sewer mains as part of the project to rehabilitate 0.8 miles of roadways in the central part of the Village (Arbor Court does not have sanitary sewer). This project is deferred from its original 2014 construction date.	\$380,000
e. Sewer Lining / SSES Follow-up – Provides funding for the continuing program to rehabilitate pipes and manholes in the Village sanitary sewer system. The proposed program consists of: <ul style="list-style-type: none"> ❑ Sewer Lining (\$350,000) ❑ Manhole Top Repairs / Frame & Cover Replacements (\$50,000) ❑ Manhole Cementitious Lining (\$100,000) ❑ Sewer Pipe Repairs identified via Dye Testing or Video Reviews 	\$550,000

(\$50,000)	
d. Memory Court Lift Station Rehabilitation – 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.	\$550,000
e. Design Engineering – Funding to accommodate design engineering for capital projects anticipated in the coming years. Please refer to the Capital Improvements footnotes section for more complete project descriptions.	0
1. SSES Follow-up / Clear Water Reduction Program – Allowance for assistance to staff for development of design documents or consultations regarding clear water reduction efforts undertaken by Public Works personnel.	\$25,000
2. North Park Boulevard Rehabilitation STP Project (#13001) – Phase II engineering expenses for the detailed design of water system improvements in the project corridor.	\$20,000
3. 2016 Street Improvements – Engineering related to needed water system replacements and upgrades associated with planned 2016 street rehabilitation projects.	\$30,000
Total for line item:	\$2,015,000

13. Equipment:

SY14

- Sewer TV Accessories
 - \$12,000 for a remote lift
 - \$10,000 for a crawler extension
 - \$4,500 for an auxiliary rear lamp
 - \$6,000 for additional use camera tires
- Sewer TV Software
 - \$4,500 for WinCan V8 Office
- \$1,000 for a vehicle back up camera

CY15

- Sewer TV Software
 - \$2,700 for WinCan V8 Inclination Module
 - \$5,000 for WinCan GIS software

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 Data Entry Operator. 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, ambulances and other specialized equipment, for all Village departments (except Recreation), 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 132 vehicles for the Village (24 Police, 103 Public Works, 3 Planning and Development, and 2 Facilities Maintenance) and 26 for the Glenbard Wastewater Authority and 17 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 depreciation 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 (except ambulances).

Equipment Services Accomplishments for FY13/14

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 2013-2014. The program’s emphasis is to identify highly qualified repair facilities with a large percentage of ASE-certified professionals. This is the seventh consecutive year the division has been awarded this honor.
3. The Equipment Services Division continued to maintain a safe work environment and to follow industry standard safety procedures and Village safety policies. The Division has achieved over eight (8) years without a “lost time” accident.
4. The Equipment Services Division completed 4,410 repair requests in calendar year 2013.
5. 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 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. This is made from corn and is also a renewable fuel source. In FY13/14 Equipment Services maintained four 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 Service Division is committed to our goal of providing the Village with a “Green Fleet”.
6. Equipment Services developed preventive maintenance (PM) checklists for all new vehicles placed into service.
7. Division personnel tore down old and setup two (2) new marked Police patrol cars. Equipment removed from the old marked squad cars and subsequently installed in the new units included new laptop computers complete with mounting stations, mobile printers, new audio/video systems, AVL systems, new LED light bars, communication radios, vehicle partitions, sirens, radars, emergency lighting, trunk boxes, electronic weapon racks, a new graphics package, and other equipment as required.
8. Equipment Services wrote specifications, advertised, and procured four (4) vehicles/equipment through the State of Illinois bidding process or through the competitive bidding process 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 two (2) dump/snow fighting trucks, one (1) wheel loader and one (1) street sweeper.

9. The ESD performed an annual inspection of vehicle fire extinguishers. Fire extinguishers were removed, inspected, serviced or replaced on all Village vehicles.
10. The ESD tore down and detailed "out of service" vehicles and equipment. Vehicles removed from service this year were sold through a combination live/on line auction.
11. A service truck and a dump truck were set up for the Glenbard Wastewater Authority.
12. The ESD completed the annual reconditioning of five v-box salt spreaders. This year's improvements included replacing the pre-wet systems and equipment boxes. 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.
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 SY14

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. To replace the two in-ground heavy duty truck lifts and two in-ground car lifts in the ESD shop.
7. 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.
8. 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.
9. 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.

EQUIPMENT SERVICES FUND

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
Revenues / Inflows (6500)								
440650	Glenbard Wastewater	\$ 40,500	\$ 39,200	\$ 38,500	\$ 38,500	\$ 26,133	\$ 25,667	\$ 27,300
440660	Glen Ellyn Park District	52,118	38,196	45,000	45,000	27,836	32,602	30,000
460100	Interest Income	6,917	8,782	5,000	8,400	5,695	5,595	3,300
489000	Miscellaneous Revenue	34,928	44,974	20,000	80,000	41,794	78,780	20,000
490654	IFT / PW - Adm/Eng	32,500	34,600	37,700	37,700	23,067	25,133	18,900
490656	IFT / PW - Forestry	578,900	567,700	621,100	621,100	378,467	414,067	139,300
	IFT / PW - Streets	-	-	-	-	-	-	310,100
490658	IFT / Facilities Maint.	20,600	30,300	32,600	32,600	20,200	21,733	18,700
490660	IFT / Police - Admin	367,200	394,748	424,200	424,200	263,165	282,800	92,300
	IFT / Police - Operations	-	-	-	-	-	-	152,000
	IFT / Police - Investigations	-	-	-	-	-	-	27,100
490662	IFT / Vol. Fire Company	244,600	279,700	273,000	273,000	186,467	182,000	-
	IFT / EMS	-	-	-	-	-	-	23,100
	IFT / Fire Department	-	-	-	-	-	-	97,900
490664	IFT / Planning and Devel.	16,200	14,000	14,000	14,000	9,333	9,333	7,900
490668	IFT / Water	135,500	120,900	117,800	117,800	80,600	78,533	82,800
490670	IFT / Sewer	185,500	184,200	147,400	147,400	122,800	98,267	115,400
490672	IFT / Equipment Services	8,700	8,800	10,800	10,800	5,867	7,200	3,900
	TOTAL REVENUES	\$ 1,724,163	\$ 1,766,100	\$ 1,787,100	\$ 1,850,500	\$ 1,191,424	\$ 1,261,710	\$ 1,170,000

Expenses / Outflows (65000)

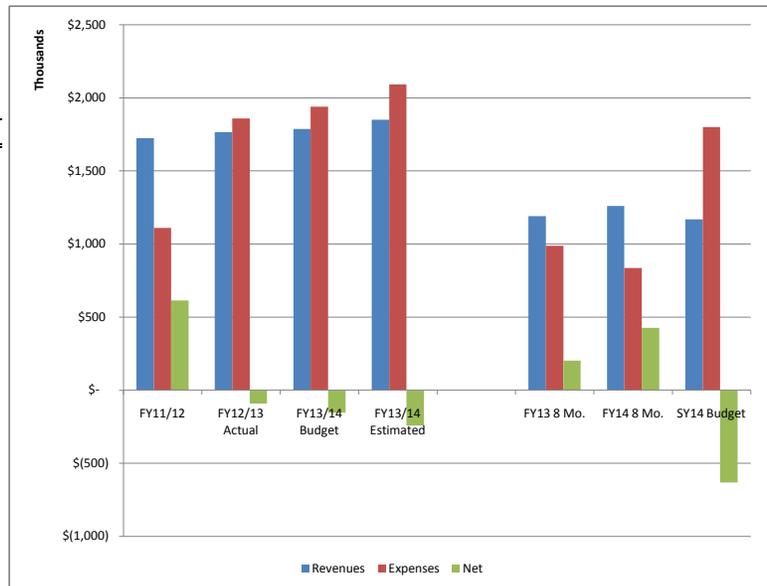
PERSONNEL SERVICES:								
510100	Salaries - Pension	\$ 232,160	\$ 240,638	\$ 250,000	\$ 250,000	\$ 166,615	\$ 171,041	\$ 176,000
510120	Salaries - Non-pension	17,377	4,498	20,200	10,000	4,498	5,641	11,200
510200	Overtime	9,618	23,738	10,000	24,000	15,355	15,751	10,000
510400	FICA	18,950	19,577	21,500	21,800	13,569	13,951	14,700
510500	IMRF	28,856	30,835	32,900	34,800	20,900	22,453	22,200
	Subtotal	306,961	319,286	334,600	340,600	220,937	228,837	234,100
CONTRACTUAL SERVICES:								
520600	Dues / Subscriptions	625	625	800	725	475	599	700
520620	Employee Education	1,303	545	2,700	2,400	90	1,570	2,000
520625	Travel	402	454	2,000	2,000	303	1,264	1,800
520970	Maint. / Bldgs & Grounds	8,097	6,779	10,500	10,500	3,039	4,430	9,000
521055	Prof. Services / Other	1,664	1,660	2,000	1,800	65	-	400
521120	Disposal Costs	1,344	710	1,500	1,500	338	-	1,000
521125	Leased Equipment	2,845	3,232	3,700	3,700	1,953	2,405	2,900
521180	Repairs (Contract, Labor)	34,096	35,831	35,000	35,000	24,151	23,251	26,700
521185	Repairs (Contract, Parts)	16,352	19,847	20,000	30,000	12,156	21,373	16,700
521195	Telecommunications	7,172	7,943	7,800	7,500	4,634	4,708	5,200
590113	IFT / Facilities Maint.	10,000	10,000	10,000	10,000	6,667	6,667	6,700
590130	Service Charge (PW)	13,200	13,200	13,200	13,200	8,800	8,800	8,800
590600	IFT / Health Insurance	49,400	50,912	54,900	54,900	32,867	37,319	36,530
590610	IFT / Liability Insurance	13,800	9,500	9,000	9,000	6,333	6,000	7,900
590650	IFT / Equipment Service (O&M)	3,100	3,200	4,100	4,100	2,133	2,733	3,000
590655	IFT / Equipment Service (Repl)	5,600	5,600	6,700	6,700	3,733	4,467	900
	Subtotal	169,000	170,038	183,900	193,025	107,737	125,586	130,230

EQUIPMENT SERVICES FUND

Village of Glen Ellyn
SY14 Budget

Object Code	Account Description	FY11/12 Actual	FY12/13 Actual	FY13/14 Revised Budget	FY13/14 Estimated Actual	FY12/13 8 Month May-Dec	FY13/14 8 Month May-Dec	SY14 8 Month Budget
COMMODITIES:								
530100	Office Supplies	1,163	1,133	6,500	6,500	1,063	1,181	1,000
530105	Operating Supplies	11,515	10,801	12,000	12,000	5,997	6,884	8,000
530225	Safety Supplies	1,066	1,122	1,200	1,200	664	43	1,025
530300	Gas & Oil	280,866	310,637	364,000	340,000	179,459	157,818	230,400 10
530305	License Plates	1,557	1,146	1,400	1,400	944	1,039	1,400
530310	Inventory Parts	87,819	86,942	90,000	90,000	50,047	56,941	60,000 11
530315	Tires	15,497	13,557	17,500	17,500	8,657	14,054	9,500
530445	Uniforms	1,634	1,696	2,100	2,100	1,610	1,681	1,575
	Operating Transfer - Fire SSA	-	-	-	-	-	-	542,000 14
		<u>401,117</u>	<u>427,034</u>	<u>494,700</u>	<u>470,700</u>	<u>248,441</u>	<u>239,641</u>	<u>854,900</u>
CAPITAL OUTLAY:								
570155	Vehicles	219,799	464,927	922,800	1,073,386	54,811	241,708	562,200 12
580110	Equipment	<u>12,725</u>	<u>477,560</u>	<u>5,000</u>	<u>15,600</u>	<u>356,694</u>	<u>-</u>	<u>20,000</u> 13
		<u>232,524</u>	<u>942,487</u>	<u>927,800</u>	<u>1,088,986</u>	<u>411,505</u>	<u>241,708</u>	<u>582,200</u>
	TOTAL EXPENSES	\$ 1,109,602	\$ 1,858,845	\$ 1,941,000	\$ 2,093,311	\$ 988,620	\$ 835,772	\$ 1,801,430
	OPERATING EXPENSES (excludes vehicle purchases & SSA Transfer)	\$ 889,803	\$ 1,393,918	\$ 1,018,200	\$ 1,019,925	\$ 933,809	\$ 594,064	\$ 697,230
	FUND INCREASE (DECREASE)	\$ 614,561	\$ (92,745)	\$ (153,900)	\$ (242,811)	\$ 202,804	\$ 425,938	\$ (631,430)

Available Cash Analysis (000's)	
Available, May 1, 2013	\$ 2,949
Preliminary FY14 Inflow/(Outflow)	(243)
Budgeted SY14 Inflow/(Outflow)	(631)
Projected Available, December 31, 2014	<u>\$ 2,075</u>



EQUIPMENT SERVICES

SY14 BUDGET FOOTNOTES

1. **Glen Ellyn Park District:** The Park District purchases fuel for their fleet from the Village, including a markup of 15% per gallon to help pay for the Village gas pumps and underground fuel storage facilities. The Park District purchased 10,000 gallons of unleaded fuel and 1,100 gallons of diesel fuel in calendar year 2013.
2. **Miscellaneous Revenue:** This line item primarily receives net revenues generated from the sale of replaced Village vehicles and equipment at public auctions. The amount realized each year depends upon the high bids for the type and number of vehicles sent to auction minus a Conference fee of 15% or a 6% on-line internet auction fee. All vehicles and equipment sold in FY13/14 were sold on-line at a lower cost to the Village and thus resulted in a greater return on investment.
3. **Employee Education:** Provides for continuing education in the latest methods of diagnosing repairing computer controlled vehicle systems and engine controls. Certification as an Emergency Vehicle Technician (EVT) is also necessary to work on the unique equipment associated with fire apparatus. All Village technicians are currently ASE Certified Master Technicians.
4. **Maintenance of Building, Grounds & Equipment:** This account provides for testing and repair of the underground storage tanks, lines and monitor sensors; the repair of shop equipment; maintaining hydraulic vehicle lifts; maintaining fuel dispensing equipment; and servicing the electric yard gate. It also provides for building essentials and minor repair or modifications to the Equipment Services section of the Public Works Reno Center.
5. **Disposal:** Provides for the disposal of waste products generated in the daily operation of the Equipment Services department. The waste stream includes used motor oil, oil absorbent, parts cleaning solvent and used oil and fuel filters. These items are classified as special waste and cannot be disposed of in landfills or recycled without special processing.
6. **Leased Equipment:** Provides for the rental/lease of various pieces of equipment for the garage (i.e. solvent tanks, floor mats, oxygen/gas tanks).
7. **Repairs/Contracted Labor:** Provides for labor associated with major and/or specialized repairs such as transmission rebuilding, wheel alignment, IDOT safety inspections, car washes, body work, and fire apparatus repairs by outside vendors.
8. **Repairs/Contracted Parts:** Provides for parts associated with major vehicle/equipment repairs completed by outside vendors.

9. **Telecommunications:** Provides for cellular and GPS (global positioning satellite) service associated with everyday operations and AVL (automatic vehicle location) systems installed in vehicles and equipment that are involved in front line Public Works operations. The AVL costs are \$300 a year for each of 20 vehicles.

10. **Gas & Oil:** Provides for the purchase of fuel and oil used by Glen Ellyn Village vehicles, Glenbard Wastewater Authority vehicles, the Glen Ellyn Volunteer Fire Company and the Glen Ellyn Park District. The total amount budgeted for fuel assumes: 47,000 gallons of unleaded gasoline at an average of \$3.20; 20,000 gallons of diesel fuel at an average of \$3.40; and \$12,000 for engine, transmission, hydraulic and differential oil based on current usage. The Village's cost for fuel is less than prevailing retail prices because the Village buys in bulk and is exempt from Federal gas taxes, which are \$0.183 per gallon of unleaded gasoline and \$0.243 per gallon of diesel fuel; and State sales taxes, which is 5% of the cost per gallon of unleaded gasoline and 6.25% of the cost of diesel fuel. The Village has one underground storage tank that has the capacity to store 15,000 gallons of unleaded gasoline and 10,000 gallons of diesel fuel.

11. **Inventory Parts:** Provides for the cost of replacement parts and shop supplies used to repair and maintain Village vehicles and equipment, Glen Ellyn Volunteer Fire Department vehicles and equipment, and GWA vehicles and equipment, when work is performed in-house by Village technicians.

12. **Capital Outlay-SY14 Vehicle Purchases:**
 Each Village department contributes annually toward the future replacement of vehicles assigned to it until the end of the vehicles' economically useful lives. This plan assures adequate funding and allows accurate forecasting of future budget requirements.

Equipment replacement is based on several factors:

- Cost to operate – maintenance and fuel costs
- Condition of vehicular systems – hydraulics, snow removal equipment, etc.
- Condition of vehicle – interior and exterior
- Does the vehicle do the job it was intended to do and is it cost effective?

Vehicles are normally replaced at the end of the depreciation period. However, some are kept past their expected useful lives due to low hours of use and/or good overall condition. Occasionally, some vehicles need to be replaced before they are fully depreciated due to unreliability or their inability to meet the needs of the department.

All equipment is purchased using advertised sealed competitive bidding, the State of Illinois Joint Equipment Purchase Program, or some other joint governmental purchasing consortia. Vehicles being replaced are sold at the first convenient DuPage Mayors and Managers Auction or through internet auctions.

Vehicles scheduled for replacement in SY14 are as follows:

VEHICLE #004: (PD) A 2009 Ford Crown Victoria purchased through State of Illinois bid process for \$24,200. This vehicle is on a three-year depreciation schedule, currently has over 80,000 miles on it and will have over 100,000 miles on it when the replacement vehicle is placed in service. Depreciation funds have been reserved in the amount of \$26,400 for the replacement of this vehicle. This vehicle is a police patrol unit. The replacement vehicle will be a Ford Police Utility Interceptor purchased through the State of Illinois Joint Purchasing Agreement. Projected replacement cost including an amount for equipment to outfit it as a police patrol vehicle is..... **\$35,000.**

VEHICLE #006: (PD) A 2009 Ford Crown Victoria purchased through State of Illinois bid process for \$24,200. This vehicle is on a three-year depreciation schedule, currently has over 80,000 miles on it and will have over 100,000 miles on it when the replacement vehicle is placed in service. Depreciation funds have been reserved in the amount of \$26,400 for the replacement of this vehicle. This vehicle is a police patrol unit. The replacement vehicle will be a Ford Police Utility Interceptor purchased through the State of Illinois Joint Purchasing Agreement. Projected replacement cost including an amount for equipment to outfit it as a police patrol vehicle is..... **\$35,000.**

VEHICLE #010: (PD) A 2007 Harley-Davidson FLHPI is leased through Wildfire Harley-Davidson for \$1,800 per year. This vehicle is on a two-year lease schedule, which has been extended five years and now expires May 31, 2014. This vehicle is a police patrol unit, which is used for parades, special events, and public relations. The lease amount per year is**\$1,800.**

VEHICLE #026: (PD) A 2007 Chevrolet Impala purchased through State of Illinois bid process for \$21,800. This vehicle is on a seven-year depreciation schedule, currently has over 80,000 miles on it and will have over 90,000 miles on it when it is transferred to the detective's car pool for continued use. Depreciation funds have been reserved in the amount of \$26,400 for the replacement of this vehicle. This vehicle is the Deputy Chief's administrative/command vehicle. The replacement vehicle will be a Ford Police Utility Interceptor purchased through the State of Illinois Joint Purchasing Agreement. Projected replacement cost including an amount for equipment to outfit it as a command vehicle is..... **\$32,000.**

VEHICLE #224: (PW) A 2004 Ford Ranger pickup truck purchased through the State of Illinois bid process for \$13,700. This vehicle is on a seven-year depreciation schedule and is 10 years old with over 55,000 miles. Depreciation funds have been reserved in the amount of \$16,600 for the replacement of this vehicle. The Utilities Division uses this vehicle for JULIE locating. The replacement vehicle will be a 2014 Ford Transit Connect van retrofitted with a bi-fuel compressed natural gas (CNG) fuel system. Projected replacement cost.....**\$36,000.**

VEHICLE #265: (PW) A 1998 JCB Loadall 530 purchased through the State of Illinois bid process for \$61,000. This vehicle is on a fifteen-year depreciation schedule and is fully depreciated with over 3,000 hours. The Street/Forestry Division uses this equipment year round for street sign posts, tree planting, parkway restoration, loading and unloading material, and holiday decorations. The ESD uses this machine to perform seasonal equipment conversions on all village equipment. The replacement machine will be a JCB Loadall 531. Projected replacement cost.....**\$138,000.**

ESD VEHICLE LIFTS (4): The Equipment Services section of the Reno Center has 2 heavy duty and 2 medium duty hydraulic lifts that are used to service and repair cars, trucks, and equipment for all Village Departments; the Glen Ellyn Volunteer Fire Company; and the Glenbard Wastewater Authority. These lifts are estimated to be 30-40 years old and have reached the end of their useful life. The safety locks continually fail; the equalizer box on one lift has collapsed; the hydraulic lift pistons are scored and the seal glands leak; the hydraulic oil valves leak; the lift pits fill with ground water; and the steel components of the system are rotted out. The replacement lifts would be heavy duty and of similar design to reduce the amount of underground work necessary to make them safe. Projected replacement cost.....**\$284,263.**

The following vehicles and equipment are fully depreciated and funded, but they will not be replaced this year due to low mileage/hours and or the fact that they are in good overall condition.

- VEHICLE #002- (PD)** A 2010 Ford Crown Victoria
- VEHICLE #008- (PD)** A 2010 Ford Crown Victoria
- VEHICLE #013- (PD)** A 2007 Toyota Prius
- VEHICLE #019- (PD)** A 2010 Ford Expedition
- VEHICLE #207- (PW)** A 2000 GMC K2500 Pick-up Truck (eliminated from fleet)
- VEHICLE #210- (PW)** A 2002 JCB 215 Backhoe
- VEHICLE #213- (PW)** A 1999 GMC K2500 Pick-up Truck (eliminated from fleet)
- VEHICLE #222- (PW)** A 2004 Ford Taurus
- VEHICLE #225- (PW)** A 2000 Ford F450 Crane Truck (eliminated from fleet)
- VEHICLE #270- (PW)** A 2004 Ford F450 Utility Truck
- VEHICLE #300- (PW)** A 2007 Ford F250 ESD Service Truck
- VEHICLE #514- (PW)** A 1989 Ingersoll Rand Air Compressor

13. **Capital Outlay- Equipment:**

Diagnostic Scanner & Software: (\$5,000) Provides for the purchase of software to update the Snap-On Vantage graphing meter and Solus Engine Scanner to the 2013 model year. This is the most current software available to troubleshoot and diagnose light/medium duty vehicle problems. This also provides for International, Ford, and GM service information DVD discs and on-line service information subscriptions.

Air Compressor: (\$15,000): Provides for the replacement of the air compressor utilized by the Equipment Services Division to operate pneumatic equipment and tools. It is used to repair all Village, Fire Company, and GWA vehicles and equipment.

14. **Operating Transfer – Fire SSA:** SSA dollars were being accrued in this fund for the replacement of fire and ambulance equipment. Those reserves, totaling \$542,000 will be moved to the new Fire Services Fund to be used solely for fire equipment.

VILLAGE OF GLEN ELLYN
 SY 14 ANNUAL BUDGET
 PERSONNEL SCHEDULE

PUBLIC WORKS DEPARTMENT - EQUIPMENT SERVICES

<u>Classification</u>	<u>Status</u>	<u>Salary Range*</u>	<u>FY10/11 Budgeted Employees</u>	<u>FY11/12 Budgeted Employees</u>	<u>FY12/13 Budgeted Employees</u>	<u>FY13/14 Budgeted Employees</u>	<u>SY 14 Budgeted Employees</u>
Equipment Services Superintendent	FT	N	1.00	-	-	1.00	1.00
Equipment Services Supervisor	FT	L	1.00	1.00	1.00	-	-
Equipment Mechanic II	FT	J	2.00	2.00	2.00	2.00	2.00
Administrative Assistant I /1	PT	E	0.40	0.40	0.40	0.40	0.40
TOTAL EMPLOYEES (Full-time Equivalents)			4.40	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 fiscal year:		2013										2014					
		Computes depreciation amounts for SY 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	2014	2015	2016	2017	2018	Total Contrib	
Public Works - Administration																	
212	2008	2009 Ford Expedition	Director's vehicle	27,200	7	4%	34,816	3	24,869	28,185	9,947	3,316	3,316	3,316	0	0	34,816
216	2007	2008 Ford Escape	Asst. Dir. Vehicle	23,000	7	4%	29,440	2	25,235	27,338	4,205	2,103	2,103	0	0	0	29,440
222	2004	2004 Ford Taurus Wgn.	Engineer's wagon	17,300	7	4%	22,144	-1	22,144	22,144	0	0	0	0	0	0	22,144
FUEL ISLAND	2012			18,000	20	0%	18,000	20	900	1,755	17,100	855	855	855	855	855	13,725
				85,400			104,400		73,148	79,421	31,252	6,273	6,273	4,171	855	855	100,125
Public Works - Streets / Forestry																	
200	2005	2006 I.H. 7400	6 wheel dump	96,300	10	4%	134,820	3	107,642	116,701	27,178	9,059	9,059	9,059	0	0	134,820
201	2004	2005 I.H. 7400	10 wheel dump	102,900	10	4%	152,160	2	136,626	144,393	15,534	7,767	7,767	0	0	0	152,160
202	2009	2010 I.H. 7400	6 wheel dump	155,300	10	4%	217,420	7	86,968	105,604	130,452	18,636	18,636	18,636	18,636	18,636	217,420
203	2012	2012 I.H. 7400	6 wheel dump	157,400	10	4%	220,360	10	22,036	41,868	198,324	19,832	19,832	19,832	19,832	19,832	220,360
204	2009	2010 I.H. 7400	10 wheel dump	177,900	10	4%	249,060	7	99,624	120,972	149,436	21,348	21,348	21,348	21,348	21,348	249,060
206	2012	Ford F550/Altec AT37G	42' aerial elect. truck	86,700	10	4%	121,380	10	12,138	23,062	109,242	10,924	10,924	10,924	10,924	10,924	121,380
213	2012	2013 Snogo	Snow blower	92,600	15	3%	134,270	15	0	8,951	134,270	8,951	8,951	8,951	8,951	8,951	134,270
221	2012	2008 Ford F150	Pickup truck	26,400	3	4%	29,568	3	9,856	16,427	19,712	6,571	6,571	6,571	0	0	29,568
231	2008	2008 Ford F450	1 ton dump truck	56,900	7	4%	72,832	3	52,023	58,959	20,809	6,936	6,936	6,936	0	0	72,832
232	2012	2014 Ford F350	1 ton dump truck	62,000	7	5%	83,700	7	0	11,957	83,700	11,957	11,957	11,957	11,957	11,957	83,700
233	2012	2014 Ford F350	1 ton dump truck	61,000	7	5%	82,350	7	0	11,764	82,350	11,764	11,764	11,764	11,764	11,764	82,350
238	2008	2008 Ford F350	1 ton dump truck	54,700	7	4%	70,016	3	50,011	56,679	20,005	6,668	6,668	6,668	0	0	70,016
239	2005	2005 DynaPac CC142	Roller	37,150	15	3%	53,868	8	28,728	31,870	25,140	3,142	3,142	3,142	3,142	3,142	53,868
241	2009	2009 Ford F350	1 ton dump truck	48,600	7	4%	62,208	4	35,548	42,213	26,660	6,665	6,665	6,665	6,665	0	62,208
246	2005	2005 Case 721D	Front end loader	134,377	10	4%	188,128	3	150,655	163,146	37,473	12,491	12,491	12,491	0	0	188,128
247	2005	2005 Vermeer SC60tx	Stump Grinder	35,000	10	4%	49,000	3	39,123	42,415	9,877	3,292	3,292	3,292	0	0	49,000
248	2007	2008 Ford F350	Pickup truck	26,600	7	4%	34,048	2	29,184	31,616	4,864	2,432	2,432	0	0	0	34,048
259	2012	2013 Elgin Pelican NP	Sweeper	180,500	7	5%	243,675	7	0	34,811	243,675	34,811	34,811	34,811	34,811	34,811	243,675
250	2010	2011 Freightliner M2 106	60' Forestry bucket	135,747	10	4%	190,046	8	57,014	73,643	133,032	16,629	16,629	16,629	16,629	16,629	190,046
251	2012	2012 I.H. 7400	6 wheel dump	157,400	10	4%	220,360	10	0	22,036	220,360	22,036	22,036	22,036	22,036	22,036	220,360
253	2012	John Deere X749	Tractor w/broom etc.	20,900	5	4%	25,080	5	5,016	9,029	20,064	4,013	4,013	4,013	4,013	4,013	25,080
254	2007	2008 Ford F350	Pickup truck	26,600	7	4%	34,048	2	29,184	31,616	4,864	2,432	2,432	0	0	0	34,048
255	2008	2008 Ford F350	Sign Truck	44,600	7	4%	57,088	3	40,777	46,214	16,311	5,437	5,437	5,437	0	0	57,088
260	2008	2008 Ford F350	1 ton dump truck	54,900	7	4%	70,272	3	50,195	56,887	20,077	6,692	6,692	6,692	0	0	70,272
265	1998	JCB	Forklift	61,000	15	3%	88,450	1	88,450	88,450	0	0	0	0	0	0	88,450
510	2010	2011 Bandit 1890 XP	Brush Chipper	43,980	10	4%	61,572	8	18,471	23,859	43,101	5,388	5,388	5,388	5,388	5,388	61,572
514	1989	Ingersol comp.	Compressor	0	1	3%	0	-22	0	0	0	0	0	0	0	0	0
10-200	2009	Snow plow		11,700	10	4%	16,380	7	6,552	7,956	9,828	1,404	1,404	1,404	1,404	1,404	16,380
10-201	2009	Snow plow		11,300	10	4%	15,820	7	6,328	7,684	9,492	1,356	1,356	1,356	1,356	1,356	15,820
10-202	2009	Snow plow		11,300	10	4%	15,820	7	6,328	7,684	9,492	1,356	1,356	1,356	1,356	1,356	15,820
10-203	2009	Snow plow		11,700	10	4%	16,380	7	6,552	7,956	9,828	1,404	1,404	1,404	1,404	1,404	16,380
10-204	2009	Snow plow		12,000	10	4%	16,800	7	6,720	8,160	10,080	1,440	1,440	1,440	1,440	1,440	16,800
10-251	2009	Snow plow		11,300	10	4%	15,820	7	6,328	7,684	9,492	1,356	1,356	1,356	1,356	1,356	15,820
502	2005	2006 Landoll	Tilt Tag Trailer	9,200	15	3%	13,340	8	7,114	7,892	6,226	778	778	778	778	778	13,340
509	1994	Rayco Stumper	Stump grinder	0		3%	0		0	0	0	0	0	0	0	0	0
FUEL ISLAND	2012			165,000	20	0%	165,000	20	8,250	16,088	156,750	7,838	7,838	7,838	7,838	7,838	125,813
				2,380,954			3,221,138		1,203,441	1,486,248	2,017,697	282,807	282,807	270,176	213,029	206,364	3,181,951
Facilities Maintenance																	
218	2010	2010 Ford Transit Conne	Van	20,400	10	4%	28,560	8	6,947	9,649	21,613	2,702	2,702	2,702	2,702	2,702	28,560
223	2008	2008 Dodge Sprinter	Van	39,400	7	4%	50,432	3	37,956	42,115	12,476	4,159	4,159	4,159	0	0	50,432
FUEL ISLAND	2012			10,000	20	0%	10,000	20	500	975	9,500	475	475	475	475	475	7,625
				69,800			88,992		45,403	52,738	43,589	7,335	7,335	7,335	3,177	3,177	86,617

EQUIPMENT SERVICES REPLACEMENT SCHEDULE

Current fiscal year:		2013										2014					
		Computes depreciation amounts for SY 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	2014	2015	2016	2017	2018	Total Contrib	
Police																	
001	2012	2013 Ford Expedition	Sergeant vehicle	30,900	3	4%	34,608	3	0	11,536	34,608	11,536	11,536	11,536	0	0	34,608
002	2010	2010 Ford Crown Vic	Patrol vehicle	26,100	3	3%	28,449	1	28,449	28,449	0	0	0	0	0	0	28,449
003	2012	2012 Chevy Impala	Patrol vehicle	22,600	3	3%	24,634	3	8,211	13,685	16,423	5,474	5,474	5,474	0	0	24,634
004	2009	2009 Ford Crown Vic.	Patrol vehicle	24,200	3	3%	26,378	0	26,378	26,378	0	0	0	0	0	0	26,378
005	2011	2011 Ford Expedition	Patrol vehicle	31,700	3	3%	34,553	2	23,036	28,795	11,517	5,759	5,759	0	0	0	34,553
006	2009	2009 Ford Crown Vic.	Patrol vehicle	24,200	3	3%	26,378	0	26,378	26,378	0	0	0	0	0	0	26,378
007	2011	2012 Chevy Impala	Patrol vehicle	22,300	3	3%	24,307	2	16,205	20,256	8,102	4,051	4,051	0	0	0	24,307
008	2010	2010 Ford Crown Vic.	Patrol vehicle	26,100	3	3%	28,449	1	28,449	28,449	0	0	0	0	0	0	28,449
009	2012	2014 Ford Explorer	Patrol vehicle	32,000	3	3%	34,880	3	0	11,627	34,880	11,627	11,627	11,627	0	0	34,880
010	2007	2007 Harley FLHPI	Patrol Motorcycle	1,200	6	0%	1,200	1	0	0	1,200	1,200	0	0	0	0	1,200
011	2011	2011 Ford F150	CSO vehicle	28,750	3	3%	31,338	2	20,892	26,115	10,446	5,223	5,223	0	0	0	31,338
012	2004	2005 Ford Taurus	Unmarked vehicle	15,000	9	3%	19,050	1	9,750	19,050	9,300	9,300	0	0	0	0	19,050
013	2006	2007 Toyota Prius	Unmarked vehicle	23,900	7	4%	30,592	1	30,592	30,592	0	0	0	0	0	0	30,592
014	2010	2010 Dodge Grand Caravan	Unmarked vehicle	20,500	7	4%	26,240	5	11,246	14,245	14,994	2,999	2,999	2,999	2,999	2,999	26,240
016	2008	2008 Ford Escape	Unmarked vehicle	17,300	7	4%	22,144	3	15,817	17,926	6,327	2,109	2,109	2,109	0	0	22,144
018	2012	2012 Ford Expedition	Patrol vehicle	32,700	3	3%	35,643	3	11,881	19,802	23,762	7,921	7,921	7,921	0	0	35,643
019	2010	2010 Ford Expedition	Patrol vehicle	31,700	3	3%	34,553	1	34,553	34,553	0	0	0	0	0	0	34,553
020	2008	2008 Ford Escape	CSO vehicle	21,300	7	4%	27,264	3	19,475	22,071	7,789	2,596	2,596	2,596	0	0	27,264
022	2008	2008 Chevy Impala	Unmarked vehicle	22,400	7	3%	27,104	3	19,360	21,941	7,744	2,581	2,581	2,581	0	0	27,104
025	2010	2010 Ford Explorer	Dpty Chief vehicle	27,550	7	3%	33,336	5	17,786	20,896	15,550	3,110	3,110	3,110	3,110	3,110	33,336
026	2007	2007 Chevy Impala	Dpty Chief vehicle	21,800	6	3%	25,724	1	22,610	25,724	3,114	3,114	0	0	0	0	25,724
027	2011	2011 Ford Expedition	Chief's vehicle	32,200	3	3%	35,098	2	23,399	29,249	11,699	5,850	5,850	0	0	0	35,098
FUEL ISLAND	2012			444,000	20	0%	444,000	20	22,200	43,290	421,800	21,090	21,090	21,090	21,090	21,090	338,550
				980,400					416,667	521,006	639,254	105,539	91,925	71,043	27,199	27,199	950,471
Fire Company																	
1M61	2009	2008 Ford E-450	Medtec Ambulance	115,800	5	11%	179,490	2	143,592	161,541	35,898	17,949	17,949	0	0	0	179,490
1M62	2009	2008 Ford E-450	Medtec Ambulance	115,800	5	11%	179,490	2	143,592	161,541	35,898	17,949	17,949	0	0	0	179,490
1A62	2010	2007 Ford Expedition	Ast. Chief Squad	8,036	1	0%	8,036	-1	8,036	8,036	0	0	0	0	0	0	8,036
FUEL ISLAND	2012			139,000	20	0%	139,000	20	6,950	13,553	132,050	6,603	6,603	6,603	6,603	6,603	86,180
				378,636			506,016		302,170	344,671	203,846	42,501	42,501	6,603	6,603	6,603	453,196
Planning & Development																	
217	2007	2007 Toyota Prius	Inspector	21,300	7	4%	27,264	2	23,370	25,317	3,894	1,947	1,947	0	0	0	27,264
211	2008	2009 Ford Escape	Inspector	16,800	7	4%	21,504	3	15,360	17,408	6,144	2,048	2,048	2,048	0	0	21,504
220	2008	2009 Ford Escape	Inspector	16,800	7	4%	21,504	3	15,360	17,408	6,144	2,048	2,048	2,048	0	0	21,504
FUEL ISLAND	2012			8,000	20	0%	8,000	20	400	780	7,600	380	380	380	380	380	6,100
				62,900			78,272		54,490	60,913	23,782	6,423	6,423	4,476	380	380	76,372
TOTAL GENERAL FUND				3,958,190			5,054,739		2,095,319	2,544,997	2,959,420	450,878	437,264	363,803	251,241	244,576	4,848,732

EQUIPMENT SERVICES REPLACEMENT SCHEDULE

Current fiscal year:		2013										2014					
		Computes depreciation amounts for SY 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	2014	2015	2016	2017	2018	Total Contrib	
Parking Fund																	
207	2000	sold	24,000	7	3%	29,040	-5	29,040	29,040	0	0	0	0	0	0	29,040	
			24,000			29,040		29,040	29,040	0	0	0	0	0	0	29,040	
Water Fund																	
205	2003	2004 IH 7400	66,182	12	4%	97,949	3	81,178	86,768	16,771	5,590	5,590	5,590	0	0	97,949	
208	2007	2008 Ford Escape	23,300	7	4%	29,824	2	25,564	27,694	4,260	2,130	2,130	0	0	0	29,824	
209	2010	JCB 3CX15	94,606	10	4%	132,448	8	39,735	51,324	92,713	11,589	11,589	11,589	11,589	11,589	132,448	
224	2004	2004 Ford Ranger	13,700	7	3%	16,577	-1	16,577	16,577	0	0	0	0	0	0	16,577	
226	2008	2008 Ford F350	26,600	7	4%	34,048	3	24,320	27,563	9,728	3,243	3,243	3,243	0	0	34,048	
227	2008	2008 Ford F350	27,700	7	4%	35,456	3	25,325	28,702	10,131	3,377	3,377	3,377	0	0	35,456	
228	2009	2009 Ford F550	88,300	7	4%	113,024	4	64,585	76,695	48,439	12,110	12,110	12,110	12,110	0	113,024	
229	2009	2009 Ford E250	18,600	7	4%	23,808	4	13,604	16,155	10,204	2,551	2,551	2,551	2,551	0	23,808	
270	2004	2004 Ford F450	50,300	7	4%	64,384	-1	64,384	64,384	0	0	0	0	0	0	64,384	
271	2007	2008 Ford F350	26,600	7	4%	34,048	2	29,184	31,616	4,864	2,432	2,432	0	0	0	34,048	
515	1999	Sullivan comp.	11,882	15	3%	17,229	2	16,120	16,674	1,109	554	554	0	0	0	17,229	
FUEL ISLAND	2012		70,000	20	0%	70,000	20	3,500	6,825	66,500	3,325	3,325	3,325	3,325	3,325	53,375	
			517,770			668,796		404,076	450,977	264,720	46,901	46,901	41,785	29,575	14,914	652,171	
Sewer Fund																	
210	2002	JCB Backhoe	57,389	10	4%	80,345	0	80,345	80,345	0	0	0	0	0	0	80,345	
214	2012	2014 Caterpillar 938K	180,200	15	7%	369,410	15	0	24,627	369,410	24,627	24,627	24,627	24,627	24,627	369,410	
230	2005	2006 IH 7400 Vactor	231,200	10	3%	300,560	3	240,448	260,485	60,112	20,037	20,037	20,037	0	0	300,560	
234	2006	2006 IH 7400 Dump	76,797	10	4%	107,516	4	75,261	83,325	32,255	8,064	8,064	8,064	8,064	0	107,516	
242	2010	2010 IH 4300 Vactor	174,985	10	4%	244,979	8	73,494	94,930	171,485	21,436	21,436	21,436	21,436	21,436	244,979	
243	2008	2008 Ford F450	42,540	7	4%	54,451	3	38,894	44,080	15,557	5,186	5,186	5,186	0	0	54,451	
244	2008	2008 Ford F450	40,900	7	4%	52,352	3	37,395	42,381	14,957	4,986	4,986	4,986	0	0	52,352	
245	2008	2008 Dodge Caravan	19,400	7	4%	24,832	3	17,737	20,102	7,095	2,365	2,365	2,365	0	0	24,832	
252	2008	2008 JCB 190 II	37,800	10	4%	52,920	6	28,450	32,528	24,470	4,078	4,078	4,078	4,078	4,078	52,920	
FUEL ISLAND	2012		74,000	20	0%	74,000	20	3,700	7,215	70,300	3,515	3,515	3,515	3,515	3,515	56,425	
			935,211			1,361,365		595,724	690,018	765,641	94,294	94,294	94,294	61,720	53,656	1,343,790	
Equipment Services Fund																	
300	2006	2007 Ford 250	32,375	7	3%	39,174	1	39,174	39,174	0	0	0	0	0	0	39,174	
FUEL ISLAND	2012		23,000	20	0%	23,000	20	1,150	2,243	21,850	1,093	1,093	1,093	1,093	1,093	17,538	
			55,375			62,174		40,324	41,416	21,850	1,092	1,093	1,093	1,093	1,093	56,711	
TOTAL - ALL FUNDS			5,490,546			7,176,113		3,164,483	3,756,448	4,011,630	593,165	579,551	500,975	343,629	314,239	6,930,444	

