Agenda
Village of Glen Ellyn
Finance Commission
Regular Meeting
Friday, July 8, 2016
7:00 AM
Glen Ellyn Civic Center, Room 301

A. Call to Order

B. Public Comment (Non Agenda Items)

C. Approval of Minutes

1. Finance Commission - Special Meeting - Jun 17, 2016 7:00 AM

D. Financial Updates

E. Quarterly Capital Reporting

1. Capital Reporting as of June 2016

F. Actuarial Report

1. Police Pension Actuarial Report - December 31, 2015

G. Trustee Liaison Report

H. Chairman's Report

1. Police Pension Investment RFP
2. Outcome of Recommendation to Village Board

I. Other Business

1. Economic Development
2. Upcoming Projects

J. Adjournment

1. Motion to Adjourn

Individuals with disabilities who plan to attend the hearing and who require certain accommodations in order to allow them to observe and participate, or who have questions regarding the accessibility of the meeting or facilities, are requested to contact the Village at least 24 hours before the meeting.

Minutes
Village of Glen Ellyn
Finance Commission
Special Meeting
Friday, June 17, 2016
7:00 AM
Glen Ellyn Civic Center, Room 301

A. Call to Order

Attendee Name	Title	Status
Erik G Ford	Chairman	Present
Lisa A Cleaver	Commissioner	Present
Jose G DeLeon	Commissioner	Present
Scott R Greeno	Commissioner	Present
Matthew L Halkyard	Commissioner	Present
Yadav N Nathwani	Commissioner	Absent
Jeremy S VanEk	Commissioner	Present
Jeffrey S Wallace	Commissioner	Present

Also Present: Finance Director Coyle, Village Manager Franz, Assistant Finance Director Thomas

B. Public Comment (Non Agenda Items)

None

C. Approval of Minutes

1. Finance Commission - Special Meeting - Apr 22, 2016 7:00 AM

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Jeffrey S Wallace, Commissioner
SECONDER:	Jeremy S VanEk, Commissioner
AYES:	Ford, Cleaver, DeLeon, Greeno, Halkyard, VanEk, Wallace
ABSENT:	Nathwani

D. 2015 Audit Report

1. 1. Presentation of the Draft Audited Financial Statements 2015

2. Motion to make recommendation to the Village Board to disburse the General Fund surplus in a manner determined by the Finance Commission

Finance Director Coyle reviewed the Audit Report, starting with the summary. The Village received an unmodified audit opinion, the highest possible opinion. The Village implemented GASB Statement No. 68. The IMRF and police pension liabilities are now shown on the Statement of Net Position.

Chairman Ford noted that the IMRF has a higher return assumption than the police pension. This is because the IMRF investing criteria provides for more investing options. The footnotes to the report show sensitivity analyses concerning the discount rate, and moving it from the current 6.75% up or down 1%. Concern was expressed on the bond return assumption when many bonds are in negative returns.

Director Coyle reviewed the General Fund showing prior year and budget comparisons. She noted that the prior year was only eight months. There was an overall surplus of $1.2 million in 2015. Uncompleted projects of $325,000 and $425,000 from the good performance of taxes and other revenues contributed to the surplus. There were questions from Commissioners concerning open positions. Manager Franz said that some positions have intentionally not been filled or been delayed on being filled while waiting for the State to pass a budget.

Staff recommends that the Commission proposes to the Village Board a $400,000 contribution of the 2015 General Fund surplus to Police Pension and $200,000 to Facilities Maintenance Reserve Fund. The remainder of the surplus will be kept in reserves, which will bring reserves over the 35% minimum desired level. It was noted that it is important to keep reserves high in view of the unpredictability of the State, and to keep the Village's excellent bond rating. There were questions and comments concerning the impact of the extra contribution to the pension fund. The contribution will help to make up for the short fall in returns seen in 2015. The additional contribution also matters for future compounding. There were also questions on the facilities management contribution. The cost of retrofitting the Civic Center once the Police Department moves will be revisited as original proposals were too costly. Planning and Development will be able to expand, and Engineering, currently housed in the Public Works building, will be brought into the Civic Center.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Jeremy S VanEk, Commissioner
SECONDER:	Matthew L Halkyard, Commissioner
AYES:	Ford, Cleaver, DeLeon, Greeno, Halkyard, VanEk, Wallace
ABSENT:	Nathwani

E. Sales Tax SIC Analysis

1. Analysis of Sales Taxes by SIC Codes

Director Coyle highlighted the Analysis of the Sales Tax Report. Because the SIC codes are self-reported by businesses, it is difficult to assess which business is reported in which code. There has been a steady increase in eating and drinking places. Automobile sales have been rocky and just now are starting to rebound. The drop in the food category is due to both Dominick's closing and Mariano's opening. Commissioners expressed that it would be nice to see how the Village compares to other communities as some have a higher industrial base. Food, drugs and auto make up the majority of sales taxes for the Village. Over the past twenty years, the Village has become more reliant on food and restaurants. There was discussion on how to continue this trend, and the need to focus on what the Village does well.

RESULT:	**DISCUSSION ONLY**

F. Financial Update

1. Financial Update - May 2016

Director Coyle reported that revenues for May were $214,310 lower than May of 2015. Income tax receipts were lower than estimated. Although more information will be available when the State reports are released, she does not believe this is due to the State holding back funds. Chairman Ford noted that the State is not growing and is losing jobs, thus contributing to a drop in income taxes across the State. Building permits were also down for May as some projects are stalled, and others were completed in 2015. Use taxes are doing well, but are subject to being held up at the state level due to the continuing budget impasse. The audit of the ambulance fees resulted in a refund of $43,000. Federal forfeiture dollars have been released after being frozen earlier in the year, with $190,000 received in June.

Expenditures were down in May as compared to May 2015. This was due to two payrolls in May 2016 compared to three in May 2015. The Police Department had three sergeants retire, leaving positions opened temporarily. Although these retirements will require other officers to put in more overtime, in the long run there will be less pension obligation as new officers will be brought on board at a different tier structure.

RESULT:	**DISCUSSION ONLY**

2. Village Links/Reserve 22 Financial Report - April 2016

RESULT:	**DISCUSSION ONLY**

3. Village Links/Reserve 22 Financial Report - May 2016

Due to the weather in April, The Village Links experienced low numbers. May was much better, and June to date has been going well with good weather bringing more patrons to the facility. The accounting procedures have been going well with the reports prepared by Finance Department personnel. Commissioners noted that there is much activity at the facility with the increased number of outings and banquets. Manager Franz said that the Links has exceeded expectations in terms of growth.

RESULT:	**DISCUSSION ONLY**

G. Trustee Liaison Report

None

H. Chairman's Report

1. Police Pension Investment Consultant Search Update

Chairman Ford reported that he attended the Police Pension Board meeting receiving presentations from two finalists for the consultant position. Bringing on a consulting firm should be a positive change in the pension management, and will not be a significant change in overall cost. The process has been an eye-opening experience for the Board members.

I. Other Business

1. Economic Development Update

Manager Franz reported that a new gas station will be occupying the empty lot at Five Corners. There will be curb cuts on both Main and St. Charles. Although it will be tight, there was a gas station there previously.

Along Roosevelt Road, there may be some interest in the Dominick's store. Panera may move across the street, as it has been proposed to demolish the two buildings fronting on Roosevelt Road. The owners of the outbuildings at Pickwick Plaza want to do something with them, but movement is sporadic. Further west, the Grandma Sallie building has been demolished, and will be replaced with a mattress store and another tenant yet to be identified. Hardee's is no longer planning to move into the Beijing restaurant site.

In the downtown district, new businesses, and the purchaser of the Schmidt's building should close shortly and begin working on turning it into a brew concept pub. A couple of restaurants have closed, but are expected to be replaced shortly. Opus is expected to resubmit its plans soon for the Geische and surrounding properties. Springbank is moving again on consolidating properties around its planned development. Both redevelopment project are alive and will generate sales tax dollars in the future. There is a Board of Trustees workshop on Monday to discuss how to improve the process for selling Village-owned property. In response to questions, Manager Franz said that there is space for larger retailers in the Springbank project. To attract larger retailers, there must be more people living in the downtown area; thus the new projects bringing in 250 more residents will be helpful.

The weekend of July 16 there will be a jazz event and a bike race around Lake Ellyn, the combination of which will make for a busy weekend in the Village. The Lake Ellyn boathouse will be functional for the boat regatta.

2. Next Meeting: Friday, July 8, 2016 at 7:00AM in Room 301

J. Adjournment

1. Motion to Adjourn

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Jeremy S VanEk, Commissioner
SECONDER:	Lisa A Cleaver, Commissioner
AYES:	Ford, Cleaver, DeLeon, Greeno, Halkyard, VanEk, Wallace
ABSENT:	Nathwani

Finance Commission
535 Duane St.
Glen Ellyn, IL 60137

Meeting: 07/08/16 07:00 AM
Department: Finance Commission
Department Head: Christina Coyle
Category: Report
Prepared By: Christina Coyle

SCHEDULED

AGENDA ITEM (ID # 2327) DOC ID: 2327

Capital Reporting as of June 2016

Please find attached to this memo the capital reporting spreadsheet as well as the most recent monthly construction report.

ATTACHMENTS:

- Monthly Construction Report 2016-06-15 (PDF)
- FY16 Capital Project Quarterly Report 2016-06-29 (PDF)

June 15, 2016

ENGINEERING DIVISION PROJECT ACTIVITY REPORT

CONSTRUCTION PROJECTS

2016 Major Construction Projects

X-WALK IMPROVEMENTS AT IDOT INTERSECTIONS** – Contractor: **Hecker and Company
(Project No. 14007; Value of IDOT Contract = $197,971; Local Share = $65,000)
Project work is underway on the project, focusing on the new crosswalks at Route 53 & Pershing. The contractor installed conduit, wiring and equipment bases; constructed curbs, ramps and sidewalks; and made landscape restorations. The project has been suspended until traffic signal equipment is delivered and work re-started, with all three intersections to be completed at that time.

***LAKE ELLYN OUTLET CONTROL STRUCTURE REPLACEMENT** – Contractor: Earthwerks*
(Project No. 14001; Value of Contract = $555,000)
Project work was substantially completed in early June. Lake Ellyn operations and water levels are now back to normal. Work in May and the first week of June included the reconfiguration of the downstream junction chamber, installation of trash grates and protective grating, pouring of the sidewalk / protective dam cap and site restorations. Work is complete until manufacturing of the movable gate is accomplished and delivered to the site, likely in August.


OCS in Operation and Lake Ellyn Refilled


Protective Cap / Sidewalk on Top of Dam and Area Restoration

***HILL AVENUE BRIDGE REPLACEMENT** – Contractor: Dunnet Bay Construction*
(Project No. 16008; Value of IDOT Contract = $1,550,000; Glen Ellyn Share = $155,000)
The preconstruction meeting was conducted at IDOT District 1 offices on June 13. The start of bridge construction is contingent on the scheduling of an 8” gas main relocation by Nicor near the bridge. The project team consists of Dunnet Bay, Civiltech as RE, IDOT, Lombard and Glen Ellyn. The team is confident that even with a mid-to-late summer start, the bridge can be constructed this year. The project completion date is November 23, 2016.

ELM-OAK-GENEVA IMPROVEMENTS** – Contractor: **John Neri Construction

(Project No. 16006; Value of Contract - $2,927,000 and includes Base + Alternate with 3% contingency)
Project bidding and contract award were completed in May. Bids were received on May 12 with seven contractors participating. The low as-read bid was submitted by A Lamp Concrete Contractors. It was discovered that some key members of the firm have been indicted on Federal charges of misconduct and failure to pay prevailing wages and benefits; on this basis, A Lamp was deemed a non-responsible bidder and their proposal was rejected. John Neri Construction was the next low bidder. This firm has excellent credentials with a substantial Glen Ellyn resume of projects. Engineering staff recommended Neri for project award including both the base bid and alternate (Kenilworth storm sewer) portions. The Village Board approved contract award to John Neri on May 23 as well as a resident engineering services agreement (total fixed price) with Rempe-Sharpe in the amount of $150,000. The pre-construction conference was conducted on June 1; project work will start in earnest following the July 4th holiday weekend. A public information meeting was held on May 1 with about 20 residents attending.

Construction Projects in Closeout Phase:

ELM-GENEVA CONNECTORS-COTTAGE IMPROVEMENTS** – Contractor: **A Lamp
(Project No. 14004; Value of Contract = $2,510,000 including 3% contingency)
All work has been completed and project closeout will occur this summer.

SCADA SYSTEM UPGRADE** – Vendor: **Automatic Systems Company
(Value of Contract = $132,000 including 3% contingency)
Field installations and other on-site integration activities and switchovers are complete, with just some minor punch list work remaining.

CRESCENT BOULEVARD RECONSTRUCTION** – Contractor: **Martam Construction
(Project No. 13002; Value of IDOT Contract = $3,153,000; Local Share = $1,480,000)
All work is complete. Landscaping materials and trees were planted by June 3. Miscellaneous concrete replacements and other punch-list items were finished during the week of June 6.

GLENWOOD-ARBOR-RIDGEWOOD IMPROVEMENT** – Contractor: **Swallow Construction
(Project No. 14005; Value of Contract = $3,245,000 including 3% contingency)
A final review of project site conditions is underway.

CHIDESTER–ELM–LENOX–LINDEN IMPROVEMENTS** – Contractor: **R. W. Dunteman
(Project No. 13003; Value of Contract = $3,526,000)
Tentative agreement has been reached regarding various project issues. Project closeout activities will be ongoing in the coming months.

RIGHT TURN LANE ON LAMBERT AT ROOSEVELT** – Contractor: **Alliance Contractors
(Project No. 00506; Value of IDOT Contract = $428,700; Federal Share = $286,000; Village Share = $143,000)
A final invoice has been received from IDOT. An additional appropriation of about $20,000 is required to close out the project.

RIFORD ROAD RECONSTRUCTION** – Contractor: **R. W. Dunteman
(Project No. 00505; Value of IDOT Contract = $2,452,000; Federal Share = $1,175,000; County Share = $191,000; Village Share = $1,086,000)
Additional close-out actions will be ready for Board consideration in the near future.

ENGINEERING PROJECTS

PARK BOULEVARD REHABILITATION** – Engineer: **Engineering Enterprises

(Project No. 13001)

Completion of Phase I engineering will take place in 2016. A project coordination meeting with IDOT is scheduled for June.

KENILWORTH / ALLEY IMPROVEMENTS** – Engineer: **Village Staff

(Project No. 16009)

Preliminary design work has been performed for Kenilworth between Greenfield and Hill. Initial work on the alleys is also underway.

***VARIOUS PROJECTS** – Engineer: Pending*

The Request for Proposal for engineering design services for the following initiatives is being prepared. Projects include:

- Roosevelt Road / Route 53 Water Main Lining
- Roosevelt Road Water Main Replacement (Nicoll to Route 53)
- Memory Court and Surrey Drive Lift Stations
- CBD Utility Improvements
- Water Distribution Chlorine Feed System Improvements
- Train Station and Pedestrian Overpass
- 2017 Street Improvements

The Village Board approved the recommendation to retain MDS Technologies of Schaumburg to provide services to complete a comprehensive pavement condition rating survey as well as garnering roadway utility structure data for input into the Village GIS system. The project cost is $26,200.

TAYLOR AVENUE PEDESTRIAN UNDERPASS** – Engineer: **Alfred Benesch

(Project No. 15009)

The current schedule is as follows, per the project consultant:

Activity	April 2016 Schedule	Current Status
Finalize and Submit TS&L, PBDHR and SGR to IDOT & UPRR	April 15, 2016	Completed
Submit Final Project Design Report to IDOT	May 15, 2016	Completed
IDOT PDR Review	Complete June 2016	Completed
ICC Process	April – August 2016	In Progress
Address Comments, resubmit TS&L and Final PDR	June 30, 2016	PDR Submittal on 6/17
IDOT Design Approval	July 15, 2016	
Utility Coordination, Preliminary PS&E and Village Submittals	September 2, 2016	
Village Review Complete	September 16, 2016	
Preliminary PS&E to IDOT, UPRR	October 14, 2016	
IDOT & UPRR Review Complete	November 15, 2016	
Final PS&E to IDOT, UPRR	December 15, 2016	
IDOT Letting	March 2017	

Staff is working on the ICC-related submittals for the project.

CENTRAL BUSINESS DISTRICT PROJECTS

***TRAIN STATION / PEDESTRIAN OVERPASS** – Engineer: Pending*
(Project No. 16016)
Engineering Division is reviewing proposals from other communities. A Request for Proposal to retain a design team for the project will be forthcoming this summer.

VEHICULAR OVER/UNDERPASS FEASIBILITY** – Engineer: **HDR
(Project No. 14006)
HDR has prepared a draft application for funding of initial engineering through the Grade Crossing Protection Fund. Village staff is reviewing the application and will submit to the ICC in May.

***CBD ROADWAY AND STREETSCAPE IMPROVEMENTS** – Engineer: Pending*
(Project No. 15006)
A meeting to discuss CBD Streetscape Improvements occurred on April 11.

***CBD Street Light Upgrade to LED Lights** – Contractor: Pending*
(Project No. 16004)
Revised LED units that are not Dark Sky compliant have been installed in a location near Duane and Main streets.

See next page for additional project information.

PROCUREMENT OF GOODS AND SERVICES

Public Works seeks the best vendor prices for various annual municipal and utility maintenance and operations activities. This effort includes local bidding of projects or joint purchasing initiatives, including the Municipal Partnering Initiative (MPI), a consortium of DuPage County communities.

Project	Estimated Glen Ellyn Cost	Status
Asphalt Roadway Crack Sealing	$40,000 (2015 award) $65,000 (2016 Budget)	About 50% of the contract was accomplished in 2015. Bids for the original 2016 contract have been rejected so that revised specifications can be used for upcoming work.
Asphalt Roadway Skip Patching and Resurfacing	$100,000 (2016 budget)	Project bidding documents are being prepared for the 2016 work and the project will be advertised for bidding in July.
2015 Parking Lot and Prairie Path Paving Project	$122,700 (2015 award) $180,000 (2016 budget)	Board award 9/28/15 to Schroeder Asphalt Services based on bids received in September 2015 for the as-bid scope of work. Work will be performed in the summer of 2016.
Concrete Sidewalk And Roadway Repairs	$155,000 (2015 award) $260,000 (2016 Budget, all funding sources and award recommendation)	Mondi will begin operations by the end of June with a focus in the Glen Crest and Manor Woods areas. Repair areas are being marked in the field by staff.
Hydrant Painting	$34,800 (2016 award)	Board award on May 23, 2016 for Year 1 contract to re-paint up to 600 fire hydrants. Contractor is Continental Construction Company of Evanston, IL. The project was bid in April 2016 using the MPI process.
Pavement Markings	$77,500 (2015 award) $60,000 (2016 Budget, all funds and award)	2015 contract with Superior Striping via the Suburban Purchasing Cooperative; contractor continues to perform various striping tasks as requested by staff – recent work in May and June includes touch-up of the CBD area; Crescent centerline; and areas near and around Lake Ellyn. 2016 contact again through SPC and Superior approved by Board on 2/2/16.
2016 Sewer Lining (Project #16020)	$450,000 (2016 project award)	For the 2016 Hoerr contract, the pre-lining televising is done. Lining operations will begin in mid-summer.
Asphalt Rejuvenators	$47,500 (2014 bid) $100,000 (2016 budget)	Project is on hold pending submittal and review of coring tests and analyses.
Spoil Hauling and Delivery of Aggregates	$50,200 (2015 award) $51,000 (2016 award) $52,200 (2017 award)	The Board awarded the overall three year contract in May 2015. Marcott Enterprises is the contractor. The 2016 PO has been issued.
Detectable Panels for Sidewalk Ramps	$31,250 (recommended award)	The Village provides contractors with the appropriate panel for placement in sidewalk ramps, saving about 50% of costs. The price per panel of $125 submitted by Bracing Systems was the low of three quotes received. Purchasing was discussed at the May 16 workshop and procurement policy is still under review.

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Village of Glen Ellyn
Capital Projects Financial Status
As of June 29, 2016

				Project Analysis						Board Authorization Analysis				
Project Number	Project Name	Current Project Stage	Target Construction Date	Ten Year Plan[1]	Revised Estimated Cost[2]	Grant Funding	Cumulative Fiscal Budget	Expenditures Life to Date	Project Budget Remaining	Board Approved Contracts[3]	Change Orders	Total Board Contracts	Contract Expenditures Life to Date	Authorization Remaining
13001	Park Blvd/Main Street Rehabilitation	Preliminary Design	2018	$ 2,870,000	$ 4,010,000	$ 1,714,000	$ 855,000	$ 113,879	$ 741,121	$ 125,000	$ -	$ 125,000	$ 113,317	$ 11,683
13003	Chidester-Elm-Lenox-Linden (CELL)	Closeout/construction complete only retainage remaining (in dispute)	11/30/2014	3,349,000	3,769,700	-	3,641,524	3,752,762	(111,238)	3,831,150	87,000	3,918,150	3,727,225	190,925
13008	Roosevelt Road Water Main Replacement	Preliminary Design	2017/2018	2,100,000	2,025,000	-	2,233,082	24,200	2,208,882	26,000	-	26,000	24,200	1,800
14001	Lake Ellyn Outlet	Construction	June 2016 construction	N/A	530,000	*550,000*	562,000	472,986	89,014	721,000	-	721,000	468,931	252,069
14004	Elm-Cottage-Geneva	Construction/fully in use - only retainage remaining for inspection	Substantial Completion 8/2015	1,618,000	2,025,000	-	3,090,000	2,425,021	664,979	2,611,869	-	2,611,869	2,395,059	216,810
14005	Glenwood-Arbor-Ridgewood Improvements	Construction Complete/Fully in use - only retainage (punch list) remaining for inspection	June 2016	3,248,000	3,227,000	-	3,575,000	3,361,191	213,809	3,472,000	-	3,472,000	3,353,841	118,159
14006	CBD Over/Underpass	Pre-Phase I	Unknown - Board	Unfunded	TBD	-	100,000	86,309	13,691	70,000	-	70,000	70,000	-
14007	IDOT Crosswalks	Construction	August 2016	N/A	225,000	214,000	190,000	39,983	150,017	85,200	-	85,200	2,588	82,612
15001	2015 Sanitary Sewer Lining	Close Out	April 2016	500,000	425,000	-	450,000	430,000	20,000	430,000	-	430,000	430,000	-
15003	Reno Center/Salt Storage Renovation	Reviewing Possible Sites	Unknown	N/A	650,000	-	650,000	-	650,000	-	-	-	-	-
15004	Finance Office Relocation	Feasibility	Unknown	N/A	TBD	-	150,000	-	150,000	-	-	-	-	-
15005	Police Station	Design	Fall 2017	N/A	12,000,000	-	12,000,000	688,103	11,311,897	13,510,000	-	13,510,000	571,841	12,938,159
15006	CBD Roadway Rehabilitation & Streetscape - Phase I	Design	Fall 2018	5,070,000	4,500,000	1,000,000	250,000	7,900	242,100	-	-	-	-	-
15008	Route 38 Underground Wiring-Roosevelt Rd @ Baker Hill & Park	Seeking IDOT permit	2016	-	-	-	-	-	-	-	-	-	-	
15009	Taylor St - Pedestrain Underpass	Detailed Design - Phase I	March 2017 IDOT Letting	-	3,185,000	1,800,000	125,000	57,486	67,514	226,500	-	226,500	48,779	177,721
15010	Fire Station	On Hold	Unknown	N/A	TBD	-	-	-	-	-	-	-	-	-
15011	Lake Ellyn/Riford Road Overflow Grading of Properties	Final Design - Meeting with Neighbors	2016	-	1,269,264	-	1,300,000	1,235,964	64,036	16,700	-	16,700	16,700	-
16001	2016 Pavement Condition Index	RFP - Seeking Proposals	Fall 2016	-	25,000	-	25,000	-	25,000	26,200	-	26,200	-	26,200
16002	2016 Resurfacing Program	Design	Fall 2016	955,000	1,051,071	-	1,051,071	-	1,051,071	-	-	-	-	-
16003	2016 Sidewalk Improvements	Construction	Fall 2016	-	75,000	-	75,000	-	75,000	75,000	-	75,000	-	75,000
16004	CBD Lighting Improvements	Bids Rejected	Unknown	-	105,000	25,000	105,000	-	105,000	-	-	-	-	-
16005	CBD Underground Improvements	RFP in Preparation	2016/2017	125,000	500,000	-	500,000	-	500,000	-	-	-	-	-
16006	Elm-Oak-Geneva Improvements	Design Complete (include proj #15002)	Summer/Fall 2016	1,660,000	2,800,000	-	1,976,000	12,862	1,963,138	4,550	-	4,550	4,550	-
16007	Glenbard West Parking/Sidewalk	On Hold	2017 or 2018	-	75,000	-	75,000	-	75,000	-	-	-	-	-
16008	Hill Avenue Bridge	April 2016 IDOT Letter	Summer/Fall 2016	-	300,000	-	195,000	11,393	183,607	-	-	-	-	-
16009	Kenilworth-Alley Improvements	Design	Fall 2016	950,000	1,126,000	-	1,126,000	9,500	1,116,500	9,500	-	9,500	9,500	-
16010	Lake Ellyn Park Sidewalk	Pre-bidding Stage	Fall 2016	-	50,000	-	50,000	-	50,000	-	-	-	-	-
16011	Main St Diamond Grinding	On Hold	Unknown	-	180,000	-	180,000	-	180,000	-	-	-	-	-
16012	Memory Ct Lift Station Rehab	RFP in Preparation	2017	550,000	640,000	-	640,000	-	640,000	-	-	-	-	-
16013	Rt 53 Sidewalk (Bemis-Marston)	Construction (IDOT)	2016	-	7,000	-	7,000	3,553	3,447	-	-	-	-	-
16014	Rt 53 Sidewalk Study	On Hold	Unknown	-	5,000	-	5,000	-	5,000	-	-	-	-	-
16015	Rt 53 Water Main Lining	RFP in Preparation	Unknown	-	5,500	-	515,000	-	515,000	-	-	-	-	-
16016	Train Station Over/Underpass	Phase I Consultant Selection	RFP in 2016	-	50,000	-	50,000	-	50,000	-	-	-	-	-
16017	Village Green Storm Sewer Replacement	On Hold	Unknown	-	75,000	-	75,000	-	75,000	-	-	-	-	-
16018	Lake Road Underground Utility	ComEd Assessment	Unknown	-	Waiting for ComEd	-	-	1,000	(1,000)	-	-	-	-	-
16019	Duane/Lorraine Daily Lot Resurfacing	Design	9/1/2016	1,200,000	180,000	-	-	-	-	-	-	-	-	-
16020	2016 Sanitary Sewer Lining	Construction	September 2016	500,000	450,000	-	-	-	-	-	-	-	-	-

Footnotes:
1. From the Ten-Year Plan published in November 2012.
... the Staff Engineer, if the number varies from the 10-year plan. A revised estimated cost is typically known as a project nears the construction phase.
...d approved amounts include an approximate 5-10% contingency above the contracted price.
...unts italicized and red are tentative, subject to change.

Finance Commission
535 Duane St.
Glen Ellyn, IL 60137

Meeting: 07/08/16 07:00 AM
Department: Finance Commission
Department Head: Christina Coyle
Category: Discussion Item
Prepared By: Christina Coyle

SCHEDULED

AGENDA ITEM (ID # 2322) DOC ID: 2322

Police Pension Actuarial Report - December 31, 2015

Background:

Each year, an actuarial report is commissioned for the Police Pension. Included with this memo is the report for the fiscal year ended December 31, 2015.

Subject:

Much of this information is included in the fiscal year 2015 audit which was presented to the Finance Commission last month. However, there are a few highlights in this report which are notable:

Page 4-5: This is the summary of results which focuses on highlights of the report including:

- Investment return assumption lowered to 6.75% from 7.00%.
- New mortality tables were implemented.
- Annual payroll increased 0.8% and the average salary increase was 4.2%.
- Annual investment return for 2015 was -0.05%.
- The tax levy requirement increased from $1,192,842 to $1,504,539.
- The percent funded decreased to 59.1%.

Page 11: This page shows the calculation of the contribution required to the police pension. The top half of the page focuses on calculating the contribution according to the Village's funding policy. The bottom half of the page calculates the State required minimum contribution calculated using their requirements. The graph at the bottom of the page highlights the amount of the contribution that funds the normal cost, versus the amount that funds amortization of the unfunded liability.

Page 21-23: These are new pages required for GASB Statement Number 67 & 68. At the bottom of page 21, there is a discount rate sensitivity analysis. On page 22 is a schedule of changes in the net pension liability. This schedule highlights the elements that caused the pension liability to increase or decrease during the year. This schedule shows that $3.86 million of the increase is attributable to changes in actuarial assumptions.

ATTACHMENTS:

- Glen Ellyn Police Pension Actuarial Report 2015-12-31 (PDF)

TSW
Actuary

VILLAGE OF GLEN ELLYN

GLEN ELLYN POLICE PENSION FUND

Actuarial Valuation Report

For the Year

Beginning January 1, 2016

And Ending December 31, 2016

Timothy W. Sharpe, Actuary, Geneva, IL (630) 262-0600

TABLE OF CONTENTS

INTRODUCTION

Police-sworn personnel of the Village of Glen Ellyn are covered by the Police Pension Plan that is a defined-benefit, single-employer pension plan. The purpose of this report is to provide to the Intended Users of this report, specifically the Intended Users are the Village Officials, the Pension Board and the Village and Pension Board auditors, the reporting requirements of the Illinois Pension Code, the GASB Statements No. 25 & 27 and 67 & 68 financial information and related actuarial information for the year stated in this report. This report is not intended for distribution or usage to or by anyone who is not an Intended User and should not be used for any other purpose.

The valuation results reported herein are based on the employee data, plan provisions and the financial data provided by the Village. The actuary has relied on this information and does not assume responsibility for the accuracy or completeness of this information. I hereby certify that to the best of my knowledge this report is complete and accurate and fairly presents the actuarial position of the Fund in accordance with generally accepted actuarial principles and procedures. In my opinion, the assumptions used are reasonably related to the experience of the Plan and to reasonable expectations. A reasonable request for supplementary information not included in this report should be directed to the undersigned actuary.

The actuary cautions the Intended Users of the possibility of uncertainty or risks in any of the results in this report.

I, Timothy W. Sharpe, am an Enrolled Actuary and a member of the American Academy of Actuaries, and I meet the Qualifications Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Respectfully submitted,

Timothy W Sharpe

Timothy W. Sharpe, EA, MAAA
Enrolled Actuary No. 14-4384

May 10, 2016
Date

SUMMARY OF RESULTS

There was a change with respect to Actuarial Assumptions from the prior year to reflect revised expectations with respect to interest rates and mortality rates. The interest rate assumption has been reduced to 6.75% from 7.00%. The mortality rates have been changed to the RP 2014 Mortality Table (BCHA) projected to 2016 using improvement scale MP-2015.

The Retirement Plans Experience Committee of the Society of Actuaries (RPEC) presented an update to Mortality Improvement Scale MP-2014, which was released in October 2014. This updated scale was created using two additional years of historical data and the same RPEC 2014 model that was used to produce Scale MP-2014. For clarity, the updated mortality improvement scale is called MP-2015.

Within the MP-2014 report, RPEC indicated an intention to publish updated improvement scales at least triennially. Subsequent to the development of Scale MP-2014, the Social Security Administration (SSA) released two years of additional mortality data. To reflect this latest available data, RPEC is now publishing this 2015 update and intends on providing future annual updates to the model as soon as practicable following the public release of updated data upon which the model is constructed.

There were no changes with respect to Plan Provisions or Actuarial Methods from the prior year.

Based on the plan sponsor's funding policy and future expected plan contributions and funded status, the plan is to be expected to produce adequate assets to make benefit payments when they are due.

The benefit payment default risk or the financial health of the plan sponsor was not deemed to be material.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law.

Due to the limited scope of the actuary's assignment, the actuary did not perform an analysis of the potential range of such future measurements.

SUMMARY OF RESULTS (Continued)

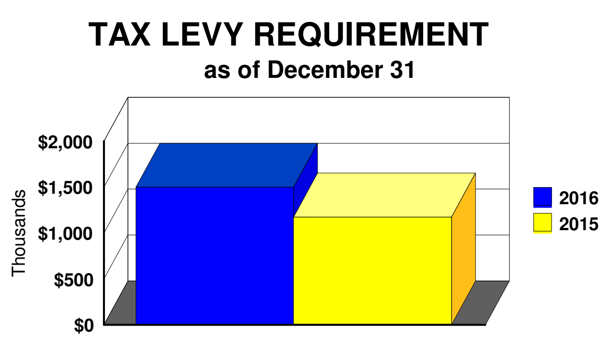
There were no unexpected changes with respect to the participants included in this actuarial valuation (1 new member, 1 termination, 1 retirement, 0 incidents of disability, annual payroll increase 0.8%, average salary increase 4.2%).

There were no unexpected changes with respect to the Fund's investments from the prior year (annual investment return -0.05%).

The Village's Tax Levy Requirement has increased from $1,192,842 last year to $1,504,539 this year (26.1%). The increase in the Tax Levy is due to the increase in average salaries, the investment return was less than assumed and the changes to the assumptions. The Percent Funded has decreased from 64.8% last year to 59.1% this year.

SUMMARY OF RESULTS (Continued)

	For Year Ending December 31	
	2016	2015
Tax Levy Requirement	$ 1,504,539	$ 1,192,842
	as of January 1	
	2016	2015
Village Normal Cost	491,689	423,066
Anticipated Employee Contributions	351,609	348,936
Accrued Liability	46,344,052	40,768,986
Actuarial Value of Assets	27,395,083	26,419,860
Unfunded Accrued Liability/(Surplus)	18,948,969	14,349,126
Amortization of Unfunded Accrued Liability/(Surplus)	917,715	691,740
Percent Funded	59.1%	64.8%
Annual Payroll	$ 3,548,022	$ 3,521,045

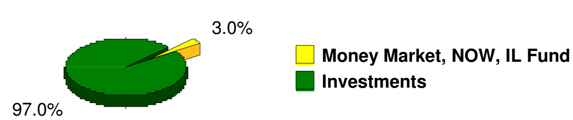


ACTUARIAL VALUATION OF ASSETS

		as of January 1		
		2016		2015
Money Market, NOW, IL Fund	$	772,717	$	1,227,062
Investments		25,024,401		24,796,108
Interest Receivable		20,816		88,727
Miscellaneous Receivable/(Payable)		(6,557)		(10,866)
Market Value of Assets		25,811,378		26,101,031
Actuarial Value of Assets	$	27,395,083	$	26,419,860

FYE 2013-2015 (Gain)/Loss: $66,359; $336,817; ($46,111); $1,829,215

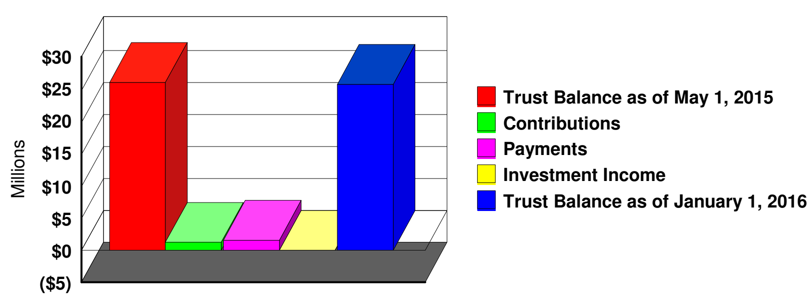
SUMMARY OF ASSETS
As Of January 1, 2016



ASSET CHANGES DURING PRIOR YEAR

Trust Balance as of January 1, 2015		$	26,102,606
Contributions			
Village	1,153,000		
Employee	344,953		
Total			1,497,953
Payments			
Benefit Payments	1,762,735		
Expenses	14,633		
Total			1,777,369
Investment Income			(11,813)
Trust Balance as of January 1, 2016		$	25,811,378
Approximate Annual Rate of Return			-0.05%

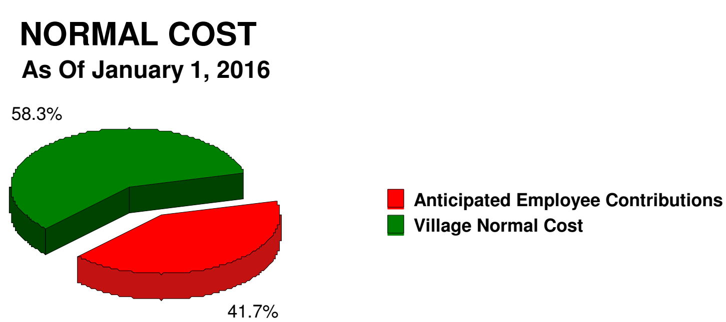
ASSET CHANGES DURING PRIOR YEAR



NORMAL COST

The Normal Cost is the actuarial present value of the portion of the projected benefits that are expected to accrue during the year based upon the actuarial valuation method and actuarial assumptions employed in the valuation.

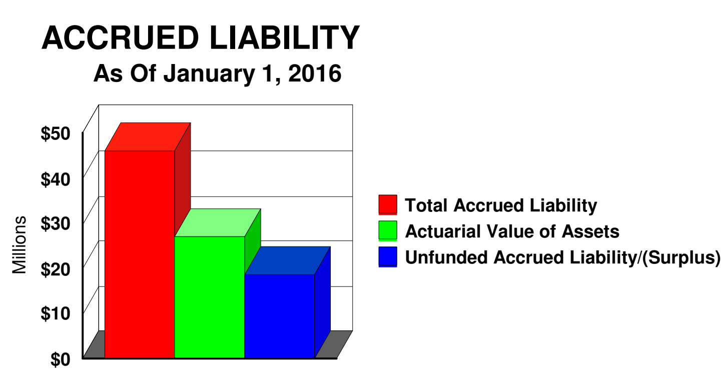
		as of January 1 2016		2015
Total Normal Cost	$	843,298	$	772,002
Anticipated Employee Contributions		351,609		348,936
Village Normal Cost		491,689		423,066
Normal Cost Payroll	$	3,548,022	$	3,521,045
Village Normal Cost Rate		13.86%		12.02%
Total Normal Cost Rate		23.77%		21.93%



ACCRUED LIABILITY

The Accrued Liability is the actuarial present value of the portion of the projected benefits that has been accrued as of the valuation date based upon the actuarial valuation method and actuarial assumptions employed in the valuation. The Unfunded Accrued Liability is the excess of the Accrued Liability over the Actuarial Value of Assets.

	as of January 1	
Accrued Liability	2016	2015
Active Employees	$ 22,865,348	$ 20,640,630
Children Annuities	0	0
Disability Annuities	1,885,181	1,747,334
Retirement Annuities	19,635,430	16,512,793
Surviving Spouse Annuities	1,958,093	1,868,229
Terminated Vested Annuities	0	0
Total Annuities	23,478,704	20,128,356
Total Accrued Liability	46,344,052	40,768,986
Actuarial Value of Assets	27,395,083	26,419,860
Unfunded Accrued Liability/(Surplus)	$ 18,948,969	$ 14,349,126
Percent Funded	59.1%	64.8%

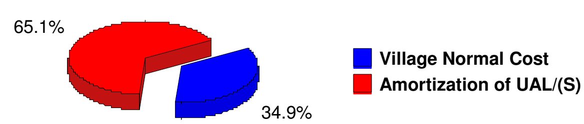


TAX LEVY REQUIREMENT

The Public Act 096-1495 Tax Levy Requirement is determined as the annual contribution necessary to fund the normal cost, plus the amount to amortize the excess (if any) of ninety percent (90%) of the accrued liability over the actuarial value of assets as a level percentage of payroll over a thirty (30) year period which commenced in 2011, plus an adjustment for interest. The 100% amortization amount is equal to the amount to amortize the unfunded accrued liability as a level percentage of payroll over a thirty (30) year period which commenced in 2011.

	For Year Ending December 31			
		2016		2015
Village Normal Cost as of Beginning of Year	$	491,689	$	423,066
Amortization of Unfunded Accrued Liability/(Surplus)		917,715		691,740
Interest for One Year		95,135		78,036
Tax Levy Requirement as of End of Year	$	1,504,539	$	1,192,842
Public Act 096-1495 Tax Levy Requirement				
1) Normal Cost (PUC)		746,554		647,682
2) Accrued Liability (PUC)		44,747,519		39,313,019
3) Amortization Payment		623,678		432,032
4) Interest for One Year		92,491		75,580
5) PA 096-1495 Tax Levy Requirement (1 + 3 + 4)	$	1,462,723		1,155,294

TAX LEVY REQUIREMENT
For Fiscal Year Ending December 31, 2016



SUMMARY OF PLAN PARTICIPANTS

The actuarial valuation of the Plan is based upon the employee data furnished by the Village. The information provided for Active participants included:

- Name
- Sex
- Date of Birth
- Date of Hire
- Compensation
- Employee Contributions

The information provided for Inactive participants included:

- Name
- Sex
- Date of Birth
- Date of Pension Commencement
- Monthly Pension Benefit
- Form of Payment

Membership	2016	2016	2015	2015
Current Employees				
Vested	28		28	
Nonvested	10		11	
Total	38		39	
Inactive Participants		Annual Benefits		Annual Benefits
Children	0	$ 0	0	$ 0
Disabled Employees	3	130,835	3	129,430
Retired Employees	25	1,436,658	24	1,325,945
Surviving Spouses	7	193,524	7	192,767
Terminated Vesteds	0	0	0	0
Total	35	1,761,017	34	1,648,142
Annual Payroll		$ 3,548,022		$ 3,521,045

SUMMARY OF PLAN PARTICIPANTS (Continued)

Age and Service Distribution

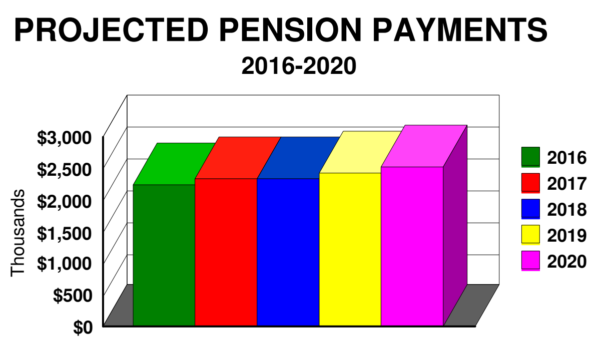
Service / Age	0-4	5-9	10-14	15-19	20-24	25-29	30+	Total	Salary
20-24									
25-29	6							6	66,858
30-34		4	4					8	89,536
35-39		2	7	3				12	93,519
40-44		1	1					2	88,910
45-49				1	2			3	111,315
50-54				1		6		7	113,800
55-59									
60+									
Total	6	7	12	5	2	6	0	38	93,369
Salary	66,858	89,303	92,862	92,048	120,827	117,586			

Average Age: 38.0 Average Service: 13.4 Average Future Service: 11.1

DURATION (years) Active Members: 20.7 Retired Members: 10.6 All Members: 15.6

PROJECTED PENSION PAYMENTS

2016	2017	2018	2019	2020
$2,243,982	$2,363,701	$2,367,262	$2,433,765	$2,546,909



SUMMARY OF PLAN PROVISIONS

The Plan Provisions have not been changed from the prior year.

The Village of Glen Ellyn Police Pension Fund was created and is administered as prescribed by "Article 3. Police Pension Fund - Municipalities 500,000 and Under" of the Illinois Pension Code (Illinois Compiled Statutes, 1992, Chapter 40). A brief summary of the plan provisions is provided below.

Employees attaining the age of (50) or more with (20) or more years of creditable service are entitled to receive an annual retirement benefit of (2.5%) of final salary for each year of service up to (30) years, to a maximum of (75%) of such salary.

Employees with at least (8) years but less than (20) years of credited service may retire at or after age (60) and receive a reduced benefit of (2.5%) of final salary for each year of service.

Surviving spouses receive the greater of (50%) of final salary or the employee's retirement benefit.

Employees disabled in the line of duty receive (65%) of final salary.

The monthly pension of a covered employee who retired with (20) or more years of service after January 1, 1977, shall be increased annually, following the first anniversary date of retirement and be paid upon reaching the age of at least (55) years, by (3%) of the originally granted pension. Beginning with increases granted on or after July 1, 1993, the second and subsequent automatic annual increases shall be calculated as (3%) of the amount of the pension payable at the time of the increase.

Employees are required to contribute (9.91%) of their base salary to the Police Pension Plan. If an employee leaves covered employment with less than (20) years of service, accumulated employee contributions may be refunded without accumulated interest.

For Employees hired after January 1, 2011, the Normal Retirement age is attainment of age 55 and completion of 10 years of service; Early Retirement age is attainment of age 50, completion of 10 years of service and the Early Retirement Factor is 6% per year; the Employee’s Accrued Benefit is based on the Employee’s final 8-year average salary not to exceed $106,800 (as indexed); Cost-of-living adjustments are simple increases (not compounded) of the lesser of 3% or 50% of CPI beginning the later of the anniversary date and age 60; Surviving Spouse’s Benefits are 66 2/3% of the Employee’s benefit at the time of death.

ACTUARIAL METHODS

The Actuarial Methods employed for this valuation are as follows:

Projected Unit Credit Cost Method (for years beginning on or after 2011 for PA 096-1495)

Under the Projected Unit Credit Cost Method, the Normal Cost is the present value of the projected benefit (including projected salary increases) earned during the year.

The Accrued Liability is the present value of the projected benefit (including projected salary increases) earned as of the actuarial valuation date. The Unfunded Accrued Liability is the excess of the Accrued Liability over the plan's assets. Experience gains or losses adjust the Unfunded Accrued Liability.

Entry Age Normal Cost Method

Under the Entry Age Normal Cost Method the Normal Cost for each participant is computed as the level percentage of pay which, if paid from the earliest age the participant is eligible to enter the plan until retirement or termination, will accumulate with interest to sufficiently fund all benefits under the plan. The Normal Cost for the plan is determined as the greater of a) the sum of the Normal Costs for all active participants, and b) 17.5% of the total payroll of all active participants.

The Accrued Liability is the theoretical amount that would have accumulated had annual contributions equal to the Normal Cost been paid. The Unfunded Accrued Liability is the excess of the Accrued Liability over the plan's assets. Experience gains or losses adjust the Unfunded Accrued Liability.

ACTUARIAL ASSUMPTIONS

The Actuarial Assumptions used for determining the Tax Levy Requirement and GASB Statements No. 25 & 27 and 67 & 68 Disclosure Information are the same (except where noted) and have been changed from the prior year (discussion on page 4). The methods and assumptions disclosed in this report may reflect statutory requirements and may reflect the responsibility of the Principal and its advisors. Unless specifically noted otherwise, each economic and demographic assumption was selected in accordance with Actuarial Standards of Practice 27 and 35 and may reflect the views and advice of advisors to the Principal. In the event a method or assumption conflicts with the actuary's professional judgment, the method or assumption is identified in this report. The Actuarial Assumptions employed for this valuation are as follows:

Valuation Date	January 1, 2016
Asset Valuation Method	5-year Average Market Value (PA 096-1495)
Investment Return	6.75% net of investment expenses.
Salary Scale	5.00%
Mortality	RP 2014 Mortality Table (BCHA) projected to 2016 using improvement scale MP-2015.
Withdrawal	Based on studies of the Fund and the Department of Insurance, Sample Rates below
Disability	Based on studies of the Fund and the Department of Insurance, Sample Rates below
Retirement	Based on studies of the Fund and the Department of Insurance, Sample Rates below (100% by age 70)
Marital Status	80% Married, Female spouses 3 years younger

ACTUARIAL ASSUMPTIONS *(Continued)*

Sample Annual Rates Per 100 Participants

Age	Withdrawal	Disability	Retirement
20	10.00	0.05	
25	7.50	0.05	
30	5.00	0.22	
35	3.00	0.26	
40	2.00	0.40	
45	2.00	0.65	
50	3.50	0.95	20.00
55	3.50	1.30	25.00
60	3.50	1.65	33.00
65	3.50	2.00	50.00
70			100.00

GASB STATEMENTS NO. 25 & 27 DISCLOSURE INFORMATION

The Governmental Accounting Standards Board (GASB) issued Statements No. 25 & 27 that established generally accepted accounting principles for the annual financial statements for defined benefit pension plans. The required information is as follows:

Membership in the plan consisted of the following as of:

	December 31, 2015	December 31, 2014
Retirees and beneficiaries receiving benefits	35	34
Terminated plan members entitled to but not yet receiving benefits	0	0
Active vested plan members	28	28
Active nonvested plan members	10	11
Total	73	73
Number of participating employers	1	1

SCHEDULE OF FUNDING PROGRESS

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) -Entry Age (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
04/30/14	24,871,240	38,121,122	13,249,882	65.2%	3,372,158	392.9%
12/31/14	26,101,031	40,768,986	14,667,955	64.0%	3,521,045	416.6%
12/31/15	25,811,378	46,344,052	20,532,674	55.7%	3,548,022	578.7%

GASB STATEMENTS NO. 25 & 27 DISCLOSURE INFORMATION (Continued)

ANNUAL PENSION COST AND NET PENSION OBLIGATION

	December 31, 2015	December 31, 2014
Annual required contribution	1,152,455	980,948
Interest on net pension obligation	(26,826)	(26,238)
Adjustment to annual required contribution	18,827	17,886
Annual pension cost	1,144,456	972,596
Contributions made	1,153,000	981,000
Increase (decrease) in net pension obligation	(8,544)	(8,404)
Net pension obligation beginning of year	(383,230)	(374,826)
Net pension obligation end of year	(391,774)	(383,230)

THREE-YEAR TREND INFORMATION

Fiscal Year Ending	Annual Pension Cost (APC)	Percentage of APC Contributed	Net Pension Obligation
04/30/14	970,899	100.9%	(374,826)
12/31/14	972,596	100.9%	(383,230)
12/31/15	1,144,456	100.7%	(391,774)

GASB STATEMENTS NO. 25 & 27 DISCLOSURE INFORMATION (Continued)

FUNDING POLICY AND ANNUAL PENSION COST

Contribution rates:		
Village	32.50%	27.86%
Plan members	9.91%	Same
Annual pension cost	1,144,456	972,596
Contributions made	1,153,000	981,000
Actuarial valuation date	12/31/2015	12/31/2014
Actuarial cost method	Entry age	Same
Amortization period	Level percentage of pay, closed	Same
Remaining amortization period	25 years	26 years
Asset valuation method	Market	Same
Actuarial assumptions:		
Investment rate of return*	6.75%	7.00%
Projected salary increases*	5.00%	Same
*Includes inflation at	2.50%	Same
Cost-of-living adjustments	Tier 1: 3.00% per year, compounded Tier 2: 2.00% per year, simple	Same

STATEMENTS NO. 67 & 68 DISCLOSURE INFORMATION

Plan Membership	December 31, 2015
Inactive plan members or beneficiaries currently receiving benefits	35
Inactive plan members entitled to but not yet receiving benefits	0
Active plan members	38
Total	73

Net Pension Liability of the Village	
Total pension liability	46,344,052
Plan fiduciary net position	25,811,378
Village's net pension liability	20,532,674
Plan fiduciary net position as a percentage of the total pension liability	55.70%

Actuarial Assumptions	
Inflation	2.50%
Salary increases	5.00%
Investment rate of return	6.75% net of expenses

The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that Village contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

	1% Decrease 5.75%	Current Discount Rate 6.75%	1% Increase 7.75%
Net Pension Liability	27,270,053	20,532,674	15,058,129

STATEMENTS NO. 67 & 68 DISCLOSURE INFORMATION (continued)

Schedule of Changes in the Village's Net Pension Liability and Related Ratios

Total Pension Liability	December 31, 2015
Service cost	826,042
Interest	2,792,133
Changes of benefit terms	0
Differences between expected and actual experience	(140,172)
Changes of assumptions	3,859,798
Benefit payments, including refunds of member contributions	1,762,735
Net change in total pension liability	5,575,066
Total pension liability - beginning	40,768,986
Total pension liability - ending	46,344,052
Plan Fiduciary Net Position	
Contributions - employer	1,153,000
Contributions - member	344,953
Net investment income	(11,813)
Benefit payments, including refunds of member contributions	1,762,735
Administrative expense	14,633
Other	0
Net change in plan fiduciary net position	(291,229)
Plan fiduciary net position - beginning	26,102,606
Plan fiduciary net position - ending	25,811,378
Village's net pension liability	20,532,674
Plan fiduciary net position as a percentage of the total pension liability	55.70%
Covered-employee payroll	3,548,022
Village's net pension liability as a percentage of covered-employee payroll	578.71%

STATEMENTS NO. 67 & 68 DISCLOSURE INFORMATION (continued)

Schedule of Village Contributions

	December 31, 2015
Actuarially determined contribution	1,152,455
Contributions in relation to the actuarially determined contribution	1,153,000
Contribution deficiency (Excess)	(545)
Covered-employee payroll	3,548,022
Contributions as a percentage of covered-employee payroll	32.50%

Notes to schedule

Valuation date	December 31, 2015
Methods and assumptions used to determine contribution rates:	
Actuarial cost method	Entry Age Normal
Amortization method	Level Percentage of Pay
Remaining amortization period	25 years
Asset valuation method	Market Value
Inflation	3.00%
Salary increases	5.00%
Investment rate of return	6.75%
Retirement age	50-70
Mortality	RP 2014 projected to 2016
Other	

Mortality rates were based on the RP 2014 Mortality Table (BCHA) projected to 2016 using improvement scale MP-2015. The other non-economic actuarial assumptions used in the December 31, 2015 valuation were based on the results of an actuarial experience study conducted by the Illinois Department of Insurance dated September 26, 2012.