Agenda
Village of Glen Ellyn
Capital Improvements Commission
Regular Meeting
Tuesday, May 8, 2018
7:00 PM
Glen Ellyn Civic Center, Room 301

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.

A. Call to Order

B. Public Comment (Non Agenda Items)

C. Approval of Minutes

April 10, 2018 Capital Improvements Commission Meeting Minutes

D. Continued Review of 5-Year Capital Plan and Master Roadway Program Plan

Continued Review of 5-Year Capital Plan and Master Roadway Program Plan

E. Trustee's Report

F. Other Business

G. Public Works Report

Monthly Construction Report for May 2018

H. Project Report

I. Adjournment

Capital Improvements Commission
535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/08/18 07:00 PM
Department: Capital Improvements Commission
Department Head: Rich Daubert
Category: Minutes
Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3294) DOC ID: 3294

April 10, 2018 Capital Improvements Commission Meeting Minutes

ATTACHMENTS:

- CIC Meeting Minutes April 10 2018 - Draft (DOCX)

Minutes
Village of Glen Ellyn
Capital Improvements Commission
Regular Meeting
Tuesday, April 10, 2018
7:00 PM
Glen Ellyn Civic Center, Room 301

A. Call to Order

The meeting was called to order by Chairman Lane at 7:01 p.m.

Attendee Name	Title	Status	Arrived
Michael T. Lane	Chairman	Present	
Adam B. Biggam	Commissioner	Late	7:35 PM
Arthur F. Foerster	Commissioner	Present	
Eric V. Kumar	Commissioner	Present	
Michael M. Lindquist	Commissioner	Present	
Richard K. Burton	Commissioner	Present	
Rocco J. Zucchero	Commissioner	Late	7:35 PM
Todd H. Ryne	Commissioner	Excused	
Joshua J. Cattero	Commissioner	Present	
Rich Daubert	Professional Engineer	Present	
Tom Topor	Senior Civil Engineer	Present	
Julius Hansen	Director	Present	
John Kenwood	Village Trustee	Present	

B. Public Comment (Non Agenda Items)

None.

C. Approval of Minutes

February 13, 2018 Capital Improvements Commission Minutes

RESULT:	**APPROVED [5 TO 0]**
MOVER:	Michael M. Lindquist, Commissioner
SECONDER:	Arthur F. Foerster, Commissioner
AYES:	Cattero, Lane
ABSTAIN:	Kumar, Burton
EXCUSED:	Biggam, Zucchero, Ryne

D. Current Discussion Matters

1. Procurement of Engineering Services

Professional Engineer Daubert gave brief background of Village engineering services. He stated that the Village utilizes both in house and consultant engineers for various engineering assignments. There needs to be a new procedure and process in place to procure engineering services due to IDOT now requiring that Qualification Based Selection be used to procure engineering services when funded with federal dollars. The Village has some upcoming projects such as the Metra Train Station and Pedestrian Tunnel project that may utilize such funding for engineering and there needs to be a written policy in place to outline the QBS requirements.

Engineer Daubert reviewed the recommendation from the CIC to make to the Board on utilizing QBS for federally funded projects and continuing to use the Village's own evaluation criteria of procurement for locally funded projects. The CIC felt that cost should continue to be a factor in the decision making process for locally funded assignments.

Chairman Lane asked if firms could submit their qualifications at any time for the Village's consideration of being added to a short-list of firms. Professional Engineer Daubert indicated yes.

Engineer Daubert explained the Park Blvd construction engineering proposals that were presented to the Board the night prior. Public Works Director Hansen asked to share the firm selection information to the CIC so that all are able to see how cost was not a primary factor in the decision making process to procure engineering services in this case. Engineer Daubert explained that the most qualified firm was selected given the complexity and criticality of the project. The selected firm's proposal was not the lowest but was ultimately within what staff budgeted for the assignment.

Public Works Director Hansen added that different projects call for evaluations to be made based on different criteria. Each project should be thoroughly analyzed taking into account cost but also the complexity of the project. The process is complex and not black and white, there needs to be a certain level of professional engineering judgement that goes into selecting engineers for projects.

Chairman Lane asked about the range in cost of the 5 engineering proposals for Park Boulevard to get an idea of the cost variation. Engineer Daubert explained that proposals ranged from approximately $180,000 to $360,000. Daubert elaborated that low firms were proposing to use less qualified and less experienced engineers and/or did not necessarily have an appropriate allocation of hours for the assignment.

Commissioner Foerster asked if the same point point system will be for all projects or will the point system be weighted differently based on the project? Engineer Daubert indicated that there needs to be some flexibility but the point system in which cost has been 30% of the score has worked out so long as we are soliciting the engineering firms that are appropriately qualified.

Chairman Lane asked if there was a way to reach out to the firms that do not win the bid to inform them of the process and how the decision was reached. The goal here is to have good relationships with all professional engineering firms who bid on a project. Engineer Daubert indicated that he does reach out to the unsuccessful bids and informs them why they didn't get the assignment.

Commissioner Cattero suggested providing a more detailed scoring rubric including a detailed explanation for point assignments based on firm responses. Engineer Daubert agreed but also explained that firms are ranked in a competitive manner with the ranking ultimately determining the scoring. Public Works Director Hansen added that providing that information would be helpful to the engineers.

Chairmen Lane called the attention of the CIC to page 12 of the packet stating the recommendation of the CIC regarding the procurement of engineering services. Commissioner Lindquist made a motion to approve the recommendation as written:

When it comes to procurement of professional engineering services, the Capital Improvements Commission recommends the following:

1) IDOT's Qualification Based Selection Procedures, as summarized in this memorandum and detailed in the attached IDOT Circular and Local Roads Manual, shall be utilized for procuring professional engineering services when required for federally funded engineering assignments. The QBS procedures shall be incorporated into the Village's Purchasing Policy as summarized by staff in this memorandum and required by the Illinois Department of Transportation.

2) For locally funded engineering assignments, the Capital Improvements Commission recommends that the Village continue to procure engineering services in conformance with the Village's current purchasing policy section "D. Professional Services" in which cost may be considered in evaluating proposals.

Commissioner Burton seconded the motion with the members of the CIC unanimously approving the motion.

Professional Engineer Daubert explained that as previously discussed, the recommendation will be brought to the Village Board for consideration of incorporating into the Village's purchasing policies.

RESULT:	**APPROVED [8 TO 0]**
MOVER:	Michael Lindquist, Commissioner
SECONDER:	Rick Burton, Commissioner
AYES:	Biggam, Cattero, Foerster, Kumar, Lane, Zucchero
ABSTAIN:	None
EXCUSED:	Ryne

2. Review of 5-Year Capital Plan

Engineer Daubert recommended that the CIC start discussing the budget and Capital Plan that will need to be presented to the Board likely as early as July. There are a few big projects on the horizon including the construction of 1 or 2 parking garages and the roadway and streetscape project in the CBD. Daubert explained that the parking garages could be \$8-\$12M each with the Village Board considering several alternatives for funding. Engineer Daubert indicated that with the addition of the \$10.5M CBD Streetscape project, the 5 year plan budget moves into approximately a \$2.2M deficit. Engineer Daubert asked the CIC for any recommendations to tweak the Capital Plan to keep the streetscape project on target. He posed the question to the CIC to start discussion on what the CIC would like to present to the Board as a recommendation on how to proceed. The CIC needs to select which projects to cut out, which to pursue and what method of repair – reconstruction vs. resurfacing is desired.

Public Works Director Hansen indicated that there are a lot of projects the CIC would like to accomplish in a 5 year timeframe but that there needs to be a prioritization of projects based on cost and need. Chairman Lane indicated that it is a good idea to first establish a dollar amount that the CIC needs to shave off the budget to create space for the engineering projects coming up in the CBD. Professional Engineer Daubert stated that number is a reduction of \$2,000,000 in currently budgeted projects.

Chairman Lane asked if the parking garage would be funded out the Capital Projects Fund. Engineer Daubert explained that the CIC should consider that as an option and may want to make a specific recommendation in that regard.

Engineer Daubert explained that his goal was to make the CIC aware of the potential deficit, review the Capital Plan, and get input from the CIC as to whether or not it would recommend making any changes to the Plan such as deferring projects and/or changing the scope for example of a street project from a reconstruction to a resurfacing.

Chairman Lane added that the CIC needs to make clear to members of the Board the exact number of streets that need to be reconstructed and the reasons of reconstruction i.e. deferring reconstruction may or may not cause further damage and cost down the line and potentially creating undesirable conditions. The Board could then ultimately decide if it wishes to continue to improve streets by finding additional funding and/or defer projects such as the CBD Streescape project.

Public Works Director explained that residents do expect their streets to rehabilitated. He added that we cannot completely defer reconstructions, only some as identified by the Engineers.

Engineer Daubert explained that if reconstruction streets are to be deferred, it needs to be for a long enough period of time to build up funds. In order to do so while keeping the streets functional, those streets would require near term resurfacing. Commissioner Kumar elaborated that by resurfacing the streets needing reconstruction, the Village would essentially be paying to defer reconstruction of the streets.

Engineer Daubert explained that the Village has recently been receiving extremely favorable pricing for roadway rehabilitation projects. Engineer Daubert asked Senior Civil Engineer Topor to present his analysis of recent unit prices received for projects which showed reductions in asphalt and increases in concrete. Director Hansen added that when discounts such as these happen, the money saved is not banked but instead utilized to complete further work on more streets.

Engineer Daubert explained that with extremely favorable prices and true needs for Capital Improvements the Village may want to consider other options such as borrowing funds.

Director Hansen explained that the CBD Streetscape should not be deferred any further but a decision needs to be made to either defer other street reconstruction projects or borrow money.

Chairman Lane asked if there's a way to compare the present value of making improvements at today's advantageous prices verses deferring the projects. Engineer Daubert explained that the information contained within the memo made the case that the future cost would be substantially greater if projects were deferred. However, estimating the rate of inflation is complex especially given pricing is currently trending down.

Chairman Lane stated that CBD is generating the bulk of the $2M deficit and if we look at that number alone the CIC needs to ask if there is a $1M reduction within the CBD improvements that can be made i.e. go for $10.5 to $9.5M.

Commissioner Burton asked if there are decorative items that can be pushed out a year or two to save money this year? Engineer Daubert indicated that there was about $2M in some of the decorative elements.

Trustee Kenwood suggested that the Board as a whole will have to decide and the presentation by Engineer Daubert will have to be to present the objectives of the CIC and explain the set of projects that protect the roads and citizens which are "must-haves" and need to get done. Then, present the group of streets that the cost-benefit of delaying the project would not benefit holding off based on current market price trends. The final group are those projects that can be held off where the cost savings may be a wash. If the Board sees the projects presented in this ranking, they will be able to make a decision easier.

Chairman Lane agreed with categorizing the projects within the three categories as suggested by Trustee Kenwood. He added that the budget for the CBD Streetscape project seems reasonable.

Commissioner Lane asked Engineer Daubert to stress to the Board that the parking garage project cannot be paid for out of the CIC budget due to the fact that there is already a $2.2 million dollar deficit and that the CIC is discussing the elimination of certain projects to account for this deficit.

Engineer Daubert reported that in his analysis some projects that will need to get cut out to account for the deficit are: the reconstruction of Hill Avenue, sewer work on Hill Avenue and Main Street and a list of streets that will be repaved instead of reconstructed.

Engineer Daubert suggested another consideration would be combining projects and bidding them as one bigger project. Commissioner Lindquist added that the bigger project could still be phased over multiple years. Commissioner Biggam suggested that savings could be on the order of 10%.

Engineer Daubert will create a presentation to bring at the next CIC meeting that will detail the recommendations of the CIC prior to it being presented to the Village Board.

E. Trustee's Report

Trustee Kenwood informed the CIC of Village Board updates as listed below:

1. Approved Schock's Square garbage enclosure.
2. Discussion of raising the tobacco purchase age to 21.
3. Public participation guidelines were discussed by Board.
4. Resolution for assault weapons ban was discussed.
5. Park Blvd reconstruction project was approved.
6. Update was provided on Taylor Pedestrian Tunnel.

F. Other Business

None.

G. Public Works Report

Director Hansen informed the CIC that there will be an orientation on May 14th for the new commissioners followed by a reception for all committee members.

H. Project Report

Engineer Daubert informed the CIC of the construction project report and various matters listed below.

1. North Park Blvd project awarded to RW Dunteman of Addison with Primera Engineers retained for Phase III Engineering.
2. Tollway work on Crescent Boulevard and Hill Avenue Bridges.
3. Replacing water main on Roosevelt Road from Nicoll Way to Route 53.
4. Taylor Ave Pedestrian Tunnel is still on track for April 27 letting.
5. Resurfacing project in Lambert Farms/Ramblwood/Marston/Orchard Place will be released for bidding this Friday.
6. Intern is starting in May.
7. State is resurfacing Roosevelt Road from Wheaton to Nicoll Way.

I. Adjournment

Motion to adjourn meeting made by Commissioner Burton and seconded by Commissioner Biggam. Motion carried and meeting adjourned at 8:51 PM.

Capital Improvements Commission
535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/08/18 07:00 PM
Department: Capital Improvements Commission
Department Head: Rich Daubert
Category: Discussion Item
Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3295) DOC ID: 3295

Continued Review of 5-Year Capital Plan and Master Roadway Program Plan

ATTACHMENTS:

- May 2018 Meeting Memo (DOC)
- Exhibit I - 5 Year CIP Updated 04-06-2018 (PDF)
- Exhibit II - Analysis of Near Term Streets (PDF)
- Exhibit III - Location Map Depicting More Extensive Street Rehabilitation Work (PDF)
- Exhibit IV - 5 Year CIP Updated 05-04-2018 (PDF)

MEMORANDUM

TO: Finance Commission

FROM: Rich Daubert, Professional Engineer

DATE: May 4, 2018

RE: Continued Review of 5-Year Capital Plan and Master Roadway Program Plan

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Background

The Capital Improvements Commission reviewed the most current version of the Village's 5-Year Capital Plan and Master Roadway Program Plan at the April 10th Meeting of the CIC. As presented at the meeting, the plan projected a $2.2M deficit in the Capital Projects Fund by the end of the 5-year plan which extends to 2022. The 5-Year Plan presented to the CIC in April is attached at Exhibit I. Staff notes that there are many unfunded and unscheduled projects that do not appear in the plan including two potential Parking Garages and the Metra Station/Pedestrian Tunnel project.

While a rather obvious statement, the deficit was due to programmed project costs exceeding anticipated fund revenues. Staff indicated that one of the greatest contributing factors to the deficit was the recent increase in the projected cost of the Central Business District Streetscape project. The project was originally programmed at $4.5M out of the Capital Projects Fund. Based on staff's review, this funding amount is not suffice for the scope of street rehabilitation work that is required in the CBD. As discussed in detail by the CIC, a budget of $10.5M was developed and is recommended as a minimum for the project, exclusive of sewer and water infrastructure improvements. Within the 5-Year Plan, staff approximated the CBD Streetscape Project funding would be allocated as follows: $7.35M Capital, $1.575M Sewer, and $1.575M Water.

In summary, the CIC discussed potential changes to the plan to overcome the defecit such as changing the scope of projects, deferring projects, changing assumptions of the plan including inflation, and borrowing funds.

Subject

As directed by the CIC at its April meeting, staff will be presenting recommended changes to the 5-Year Capital Plan based on prioritization of projects and adjustment of near-term inflation of project costs at the May CIC Meeting. In summary, the changes to the plan eliminate the Capital Projects Fund deficit by reducing the assumed rate of inflation of project costs from 7.5% to 5%, changing the scope of the Bemis Road reconstruction project from a full reconstruction effort to a

CIVIC CENTER 535 DUANE STREET GLEN ELLYN, ILLINOIS 60137 630.469.5000 FAX 630.469.8849

resurfacing effort, and deferring street work on Duane Street between Lawrence and Dawn. Staff notes that while the 5% inflation rate is still somewhat high, it accounts for project scope creep to a certain extent and staff does not recommend further reduction to a more typical factor of 1-3%.

Staff was asked to evaluate all streets currently programmed for reconstruction and identify whether the streets could be temporarily patched or resurfaced to buy time and what the additional costs would be by deferring the rehabilitation of those streets. Please refer to the attached Exhibit II which includes this information. A location map is also attached as Exhibit III. In summary, staff prioritized rehabilitation of the streets as follows:

I – Highest Priority - Deferral not recommended due to more extensive immediate rehabilitation needs.

II – Second Highest Priority - Deferral not recommended due to more extensive near-term rehabilitation needs and business case to not defer.

III – Third Highest Priority – Deferral should be considered

As part of the prioritization, the need for water and sewer improvements was considered in addition to the pavement condition. The majority of the reconstruction streets do involve needed improvements to the infrastructure including replacement of water mains and water services, sanitary sewer main repairs and service line replacements, and some areas needing storm sewer extensions for public and private drainage.

In summary, deferral of reconstructing Bemis Road is recommended as the most substantial method of eliminating the current deficit projection. While it comes at a significant cost, this assumes the street would be fully improved from an uncurbed rural roadway section to an urban roadway section with curbs, storm sewers, and sidewalks. This combined with the project being programmed at the end of the 5-year plan as well as ongoing review of funding of the project by Glenbard Wastewater Authority, compels staff that this may be an ideal candidate for resurfacing with deferral of reconstruction. While a relatively minor near-term deferral of expenditures (~$350K), delaying rehabilitation of Duane Street between Lawrence and Dawn is recommended in that the street was fairly recently resurfaced with the opportunity to monitor the street for future reconstruction.

Staff adds that the Village Board gave direction to staff in 2014 to take the approach of not reconstructing uncurbed streets such as Bemis Road in their next planned cycle of rehabilitation. This direction was given due to the Capital Projects Fund being utilized to pay debt service towards the new Police Station.

The revised 5-Year plan with the aforementioned changes is attached as Exhibit IV. Note the $2.2M deficit has been eradicated with a ~$1.1M surplus now projected. However, staff emphasizes that this surplus is based on some assumptions and should not be considered as expendable for other needs.

Recommendation/Action Requested

Staff will be discussing the amended 5-year plan with the CIC at its May 8 Meeting for solicitation of input. If ready, staff seeks concurrence or amendment of staff's recommendation which is to stick with the Village's rehabilitation plan for streets, including resurfacing and reconstruction, with the assumed reduction in project cost inflation rates and deferral of the Bemis Road reconstruction project and Duane Street rehabilitation project. Following the May CIC Meeting, staff will be presenting the same matters to the Finance Commission at its May 11th meeting for input. Future discussions will also be had on potential funding sources for the parking garage project with that information being summarized by Finance Director Coyle.

Attachments
Exhibit I - 5-Year Capital Plan Updated 4-6-2018 and Projecting ~$2.2M Deficit
Exhibit II - Analysis of Near Term (5-Year) Streets Involving more Extensive Rehabilitation
Exhibit III - Location Map of Streets Involving More Extensive Rehabilitation
Exhibit IV - 5-Year Capital Plan Updated 5-4-2018 per CIC with Eliminated Deficit

Exhibit I - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 4/6/2018

Capital Projects Fund

	Capital Fund	CY2017 PROJECTED	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Revenues:							
	Property Taxes	$ 3,588,000	$ 3,705,516	$ 3,816,681	$ 3,931,182	$ 4,049,117	$ 4,170,591
	Telecommunications Tax	760,000	729,600	700,416	672,399	645,503	619,683
	Electricity Use Tax	980,000	980,000	980,000	980,000	980,000	980,000
	Natural Gas Use Tax	314,000	318,710	323,491	328,343	333,268	338,267
	Real Estate Transfer Tax	730,000	753,579	777,920	803,046	828,985	855,761
	Grant Revenue	415,790	3,844,816	-	475,000	-	-
	Sale of Property	750,000	-	-	-	-	-
	Water & Sewer Contribution for Police Project	100,000	-	-	-	-	-
	Forfeiture Funds - To reimburse police station project	300,000	300,000	300,000	260,000	-	-
	Miscellaneous Income	80,000	80,000	83,000	83,830	84,668	85,515
	Interest Income	80,000	60,000	60,600	61,206	61,818	62,436
	Total Revenues	**$ 8,097,790**	**$ 10,772,221**	**$ 7,042,108**	**$ 7,595,007**	**$ 6,983,360**	**$ 7,112,254**
Expenditures:							
Non-Roadway Construction Projects:							
	Minor capital investment/other expenditures	$ 7,500	$ 28,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000
	Village Green Storm Sewer Replacement	-	300,000	-	-	-	-
	Riford Road Drainage Improvements	70,000	-	-	-	-	-
	725 and 729 Riford Various Improvements and Expenditur	36,600	-	-	-	-	-
GF1	Lake Ellyn Improvements	46,010	-	-	-	-	-
	Lake Road Undergrounding	17,000	-	-	-	-	-
	Hill Avenue Bridge	150,000	16,000	-	-	-	-
	Hill Avenue Roadway Improvements (Village Contribution	-	-	180,000	-	-	-
	Hill Avenue Utility Sewer and Water (Phase I)	-	-	-	200,000	-	-
	Prairie Path Resurfacing	38,000	-	-	-	-	-
	Royal Glen Infrastructure Improvements	-	-	-	-	125,000	-
	Saint Charles Road Salt Storage Facility	-	75,000	25,000	-	-	-
	Street Lighting Improvements - CBD	512,500	-	-	-	-	-
	Street Lighting Improvements - 5 Corners	-	70,000	-	-	-	-
	Street Lighting Improvements - Roosevelt Road	14,160	-	-	-	-	-
	Other Projects: Stormwater, Traffic, etc.	111,240	50,000	50,000	50,000	50,000	50,000
	Streetscape and Signage	-	45,000	45,000	-	-	-
	Special Engineering Projects						
GF2	Taylor Avenue Pedestrian Tunnel	171,000	2,900,000	-	-	-	-
	Train Station/Pedestrian Bridge Phase I	100,000	-	-	-	-	-
	CBD Over/Underpass Feasibility Study	-	-	-	-	-	-
GF3	Sidewalk Program	76,440	472,000	200,000	150,000	150,000	150,000
	IDOT Crosswalks	71,164	-	-	-	-	-
	Police Station	9,738,000	-	-	-	-	-
	subtotal non-roadway	11,159,614	3,956,000	516,000	416,000	341,000	216,000
Roadway Rehabilitation Program							
	Pavement Preservation Program	500,000	500,000	500,000	500,000	500,000	500,000
	Pavement Condition Survey	1,950	-	-	25,000	-	-
	Baker Hill Ingress/Egress Improvements	50,000	500,000	-	-	-	-
GF4	Crescent Boulevard Reconstruction	28,396	-	160,000	-	-	-
	Lambert and Taft Intersection Improvements	6,600	-	40,000	-	-	-
	2016 and 2017 Street Resurfacing	1,932,750	-	-	-	-	-
	Elm-Oak-Geneva Improvements	270,000	-	-	-	-	-
	Kenilworth-Alley Improvements	940,000	-	-	-	-	-
	Montclair-East-Davis-Smith Improvements	1,500,000	-	-	-	-	-
GF6	North Park/Main Street Improvements	210,000	2,291,173	-	-	-	-
	Bemis Road Reconstruction (Route 53 to Sunny Brook)	-	-	-	-	150,000	1,890,216
	DuPage (Nicoll to Bryant) & Nicoll (Roosevelt to DuPage) $	-	-	770,000	-	-	-
	2015 Annexation Areas - Glen Crest Subdivision	-	-	-	1,415,676	-	-
	Future Street Resurfacing/Reconstruction Projects	-	1,250,000	4,363,648	1,866,250	5,401,361	3,745,355
	Concrete Street Patching and Rehabilitation Program	-	-	-	550,000	-	550,000
	CBD Underground Improvements Study	155,000	-	-	-	-	-
	CBD Roadway and Streetscape	6,500	250,000	-	7,350,000	-	-
	Sheehan Avenue Improvements	-	-	-	-	-	697,709
	Misc. Project Close Outs	-	-	-	-	-	-
	IFT / General Fund Engineering	270,600	202,900	207,000	211,000	215,000	219,000
	Engineering for Future Projects	70,000	300,000	-	-	-	-
	subtotal road program	5,941,796	5,294,074	6,040,648	11,917,926	7,066,361	7,602,280
	Total Improvements - Capital Projects Fund	**$ 17,101,410**	**$ 9,250,074**	**$ 6,556,648**	**$ 12,333,926**	**$ 7,407,361**	**$ 7,818,280**
	Bond Repayments	**$ 954,044**	**$ 953,544**	**$ 952,844**	**$ 956,494**	**$ 954,544**	**$ 957,144**
	Total Expenditures - Capital Projects Fund	**$ 18,055,454**	**$ 10,203,618**	**$ 7,509,492**	**$ 13,290,420**	**$ 8,361,905**	**$ 8,775,424**
	Change in Fund Balance, Capital Projects Fund	**$ (9,957,664)**	**$ 568,603**	**$ (467,385)**	**$ (5,695,413)**	**$ (1,378,545)**	**$ (1,663,170)**
	Capital Projects Fund Balance, Beginning of Year	**$ 16,424,724**	**$ 6,467,060**	**$ 7,035,663**	**$ 6,568,279**	**$ 872,865**	**$ (505,679)**
	Capital Projects Fund Balance, End of Year	**$ 6,467,060**	**$ 7,035,663**	**$ 6,568,279**	**$ 872,865**	**$ (505,679)**	**$ (2,168,850)**

GF# Grant Funded Project And Corresponding Number Code

Exhibit I - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 4/6/2018

Facilities Maintenance Reserve Fund

Facilities Maintenance Reserve Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Revenues - Facilities Maintenance Reserve Fund	**$ 802,531**	**$ 304,200**	**$ 302,000**	**$ 302,060**	**$ 302,122**	**$ 302,185**
Facilities Maintenance Plan:						
Civic Center	220,248	716,500	877,500	157,500	95,500	47,500
Fire Stations (moved to Fire Service Fund in 2018)	152,820	-	-	-	-	-
Reno Center	107,064	85,000	40,000	85,000	62,000	8,000
Police Station	-	-	5,000	5,000	5,000	5,000
Stacy's Museum and History Center	34,000	10,000	28,000	25,000	20,000	17,500
Churchill Woods	-	75,000	25,000	-	-	-
Total Improvements: Facilities Maintenance Reserve Fund	**$ 514,132**	**$ 886,500**	**$ 975,500**	**$ 272,500**	**$ 182,500**	**$ 78,000**
Change in Fund Balance, FMR Fund	**$ 288,399**	**$ (582,300)**	**$ (673,500)**	**$ 29,560**	**$ 119,622**	**$ 224,185**
FMR Fund Balance, Beginning of Year	**$ 923,709**	**$ 1,212,108**	**$ 629,808**	**$ (43,692)**	**$ (14,132)**	**$ 105,490**
FMR Fund Balance, End of Year	**$ 1,212,108**	**$ 629,808**	**$ (43,692)**	**$ (14,132)**	**$ 105,490**	**$ 329,675**

Motor Fuel Tax Fund

Motor Fuel Tax Fund	CY2017 PROJECTED	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Capital Revenues - Motor Fuel Tax Fund	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Crescent Boulevard Reconstruction	131,266	-	-	-	-	-
Total Improvements - MFT Fund	131,266	-	-	-	$ -	$ -
Total Governmental Capital Improvements	**$ 18,700,852**	**$ 11,090,118**	**$ 8,484,992**	**$ 13,562,920**	**$ 8,544,405**	**$ 8,853,424**

** This schedule is project based and excludes the purchases of vehicles and equipment; totals may not tie to the Summary of Budgeted Capital Investment.*

Exhibit I - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 4/6/2018

Water & Sewer Fund

Water & Sanitary Sewer Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Capital Revenues - Water & Sewer Fund	**$ 4,220,000**	**$ 3,167,000**	**$ 3,209,000**	**$ 3,165,000**	**$ 3,251,700**	**$ 3,291,000**
CDBG Grant/Potential SSA to fund Royal Glen	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,885,000**	**$ -**
Water Projects:						
Street Program - subject to change - projects are itemized, if known						
CBD Underground Improvements	$ 50,000	$ -	$ -	$ 2,075,000	$ -	$ -
Elm-Oak Improvements	90,000	-	-	-	-	-
Kenilworth-Alley Improvements	245,000	-	-	-	-	-
Montclair-East-Davis-Smith Improvements	600,000	-	-	-	-	-
North Park/Main Street Improvements	40,000	682,021	-	-	-	-
Bemis Road Reconstruction (Route 53 to Sunny Brook)	-	-	-	-	35,000	735,381
Sheehan Avenue Improvements	-	-	-	-	-	422,844
Crescent Boulevard Reconstruction		-	-	-	-	-
Misc. Project Close Outs	138,680	-	-	-	-	-
Future Street Projects	-	60,000	1,649,037	698,612	$ 1,453,585	$ 1,337,750
Street Repairs	2,500	-	18,000	18,000	18,000	18,000
Non-Roadway Projects:						
Standalone Main Replacements:						
Roosevelt Road Water Main	250,000	250,000	1,000,000	1,000,000	1,000,000	-
Roosevelt Road and Route 53 Water Main Lining	75,000	1,500,000	-	-	-	-
Hill Avenue Water Main	-	50,000	-	500,000	-	-
Royal Glen Infrastructure Improvements	-	75,000	-	-	1,675,000	-
Other Projects:						
Wilson & Newton Pumping Station Rehabilitation	25,000	-	-	-	500,000	-
WPAS & NPAS Rehabilitation	-	-	-	-	-	-
Standby Well Rehabilitation	-	-	-	-	-	-
Reservoir Rehabilitation	-	-	200,000	-	-	-
SCADA Reinstrumentation	-	-	-	-	-	150,000
Water Meter Fixed Network Upgrade	-	297,500	297,500	-	-	-
Reno Center Improvements	-	65,000	-	-	-	-
COD Water Main Acquisition/Looping	-	-	50,000	-	-	-
Engineering for Future Projects	25,000	40,000	-	-	-	-
Subtotal - Water Projects	**$ 1,541,180**	**$ 3,019,521**	**$ 3,214,537**	**$ 4,291,612**	**$ 4,681,585**	**$ 2,663,975**
Sewer Projects:						
Street Program - subject to change - projects are itemized, if known						
CBD Underground Improvements	$ 320,000	$ -	$ -	$ 2,075,000	$ -	$ -
2014 Elm-Geneva Connectors-Cottage	-	-	-	-	-	-
Glenwood-Arbor-Ridgewood	-	-	-	-	-	-
Elm-Oak Improvements	250,000	-	-	-	-	-
Kenilworth-Alley Improvements	245,000	-	-	-	-	-
Montclair-East-Davis-Smith Improvements	800,000	50,000	-	-	-	-
North Park/Main Street Improvements	20,000	214,340	-	-	-	-
Bemis Road Reconstruction (Route 53 to Sunnybrook)	-	-	-	-	37,500	740,061
Sheehan Avenue Improvements	-	-	-	-	-	255,378
General Spots Repairs (Other Streets)	-	135,000	-	-	-	-
Miscellaneous Project Close Outs	-	-	-	-	-	-
Future Street Projects	-	-	1,033,991	826,301	1,050,125	501,196
Street Repairs	2,500	18,000	18,000	18,000	18,000	18,000
Engineering for Future Projects	50,000	135,000	-	-	-	-
Non-Roadway Projects:						
I/I Reduction (Lining + Repairs)	563,452	500,000	500,000	500,000	$ 500,000	$ 500,000
Hill Avenue Sanitary Sewer	-	25,000	-	250,000	-	-
Lift Station Rehab						
Hill Avenue	-	25,000	-	-	-	-
Memory Court	-	75,000	625,000	-	-	-
Surrey	-	-	150,000	-	-	-
South Park	-	-	-	-	-	-
Orchard Place	-	-	-	-	-	400,000
Police Station-Utilities	50,000	-	-	-	-	-
Royal Glen Infrastructure Improvements	-	40,000	-	-	85,000	-
Reno Center Improvements	-	65,000	-	-	-	-
Subtotal - Sewer Projects	**$ 2,300,952**	**$ 1,282,340**	**$ 2,326,991**	**$ 3,669,301**	**$ 1,690,625**	**$ 2,414,636**
Total Improvements - Water & Sewer Fund	**$ 3,842,132**	**$ 4,301,861**	**$ 5,541,528**	**$ 7,960,914**	**$ 8,062,835**	**$ 7,493,246**
Change in Capital Balance, Water & Sewer Fund	**$ 377,868**	**$ (1,134,861)**	**$ (2,332,528)**	**$ (4,795,914)**	**$ (2,926,135)**	**$ (4,202,246)**
Water & Sewer Capital Fund Balance, Beginning of Year	**$ 5,689,135**	**$ 6,067,003**	**$ 4,932,142**	**$ 2,599,614**	**$ (2,196,300)**	**$ (5,122,435)**
Water & Sewer Capital Fund Balance, End of Year	**$ 6,067,003**	**$ 4,932,142**	**$ 2,599,614**	**$ (2,196,300)**	**$ (5,122,435)**	**$ (9,324,681)**

Exhibit I - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 4/6/2018

Parking Fund

Parking Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Civic Center Parking Lot Resurfacing	$ 45,000	$ -	$ -	$ -	$ -	$ -
Crescent East Parking Lot Resurfacing	-	-	46,818	-	-	-
Crescent West Parking Lot Resurfacing	-	-	32,773	-	-	-
Duane/Glenwood Paver Maintenance	-	-	-	-	-	-
Duane/Lorraine Parking Lot Resurfacing	202,500	-	-	-	-	-
Forest/Duane Parking Lot Resurfacing	12,000	-	-	-	-	-
Glenwood/Crescent Parking Lot Resurfacing	-	-	-	-	-	-
History Center Parking Lot Resurfacing	16,000	-	-	-	-	-
Main/Glenwood East Lot Resurfacing	-	-	-	-	-	96,607
Main/Glenwood West Lot Resurfacing	-	-	42,136	-	-	-
Main/Glenwood Retaining Wall Replacement	19,000		250,000			
Main/Penn Lot Resurfacing	-	140,000	-	-	-	-
Montclair Commuter Lot Resurfacing	-	-	-	-	132,598	-
Shock's Square	-	35,000	-	-	-	-
Stuart East Parking Lot Resurfacing	-	-	-	-	-	-
Stuart West Parking Lot Resurfacing	-	-	-	-	-	-
General Parking Lot Maintenance	20,500	10,000	10,000	10,000	$ 10,000	$ 10,000
Wayfinding Signage	-	50,000	-	-	-	-
Electronic Payboxes in Duane/Lorraine Lot	24,000	-	-	-	-	-
CBD Surface Parking Lot Light Conversion HPS to LED	30,000	-	-	-	-	-
Total Improvements - Parking Fund	**$ 324,000**	**$ 235,000**	**$ 381,727**	**$ 10,000**	**$ 142,598**	**$ 106,607**

Grants

		CY2017	CY2018	CY2019	CY2020	CY2021	CY2022
GF6	North Park /Main Street	$ -	$ 1,599,000	$ -	$ -	$ -	-
GF1	Lake Ellyn OCS Community Development Block Grant Disas	279,500	-	-	-	-	-
GF1	Lake Ellyn OCS Project Park District Contribution Towards D	-	-	-	-	-	-
	Lambert and Taft Highway Safety Improvement (Not Yet Se	-	-	-	-	-	-
GF8	Central Business District Lighting Grant	-	-	-	-	-	-
GF9	Central Business District STP LAFO Grant	-	-	-	475,000	-	-
	Crescent Boulevard STP Resurfacing (Lake to East Village Li	-	-	-	-	-	-
GF3	CMAQ Crosswalk Improvements-53/Pershing; Nicoll/Rvlt; Lambert/Rvlt.	54,790	85,816	-	-	-	-
GF5	Geneva Road Sidewalk Cost Share With DuPage County	-	-	-	-	-	-
	Geneva Road Stormwater Improvements	52,500	-	-	-	-	-
	Lake Road Underground Contributions	20,000					
	Sale of Lake Road Right-Of-Way	9,000					
GF2	Taylor Street Underpass	-	2,160,000	-	-	-	-
	Newton Storm Sewer - DCEO Grant	-	-	-	-	-	-
	Total Grants	**$ 415,790**	**$ 3,844,816**	**$ -**	**$ 475,000**	**$ -**	**$ -**

GF4 The project costs for Crescent Boulevard already account for the associated grants

** This schedule is project based and excludes the purchases of vehicles and equipment; totals may not tie to the Summary of Budgeted Capital Investment.*
This project is also on a cash flow basis and contemplates when project payments will occur rather than the year they will be approved in the budget. An example would be a project that is approved in the 2017 budget, but has payments that will be made in 2018 as work progresses on the project. Thus, this schedule will not correlate directly to budgeted amounts.

**Revenues are included for those funds that have dedicated capital revenue streams.

Exhibit II

Analysis of Near Term (5-Year) Streets Programmed for Extenstive Rehabilitation

Year	Street	Prioritization	RC	RSC	RSD	FRC	DC
2019	Carleton: South End to DuPage	II	$343,815	$57,302	$28,651	$462,058	$146,895
2019	Windsor: Sawyer to Hillside	I	$975,190	$116,094	$58,047	$1,310,574	$393,431
2019	Sawyer: Lorraine to West End	I	$354,409	$42,192	$21,096	$476,296	$142,983
2019	Chesterfield: Lorraine to West End	I	$478,369	$56,949	$28,474	$642,888	$192,993
2019	Phillips: Lorraine to Vine	I	$365,462	$43,507	$21,754	$491,151	$147,442
2019	Vine: Hillside to Ridgewood	I	$441,526	$52,563	$26,281	$593,374	$178,129
2019	Ridgewood: Kenilworth to Brandon	I	$728,845	$86,767	$43,384	$979,506	$294,045
2020	Duane St.: Lawrence to Dawn	III	$390,554	$0	$0	$524,872	$134,318
2020	Evergreen Av: Duane to Hillside	II	$287,289	$47,882	$23,941	$386,092	$122,744
2020	Dawn Ave: Duane to Hillside	II	$235,768	$39,294	$19,647	$316,852	$100,731
2020	Center St: Evergreen to Lorraine	II	$237,305	$39,551	$19,775	$318,918	$101,388
2021	Crescent Drive: Crescent to North End	I	$213,394.28	$35,565	$17,783	$286,784	$91,172
2021	Colcord Pl.: Crescent to North End	II	$499,043.11	$83,174	$41,587	$670,672	$213,216
2021	Carleton: Hill to North End	II	$189,176.83	$31,529	$15,765	$254,238	$80,826
2021	Van Damin: Highview to North End	II	$225,093.52	$37,516	$18,758	$302,507	$96,171
2021	Shady Lane: Indian to East End	II	$360,336.83	$42,897	$21,448	$484,263	$145,374
2021	Indian Drive: Roslyn to Shady	II	$576,375.14	$68,616	$34,308	$774,600	$232,533
2021	Memory Ct: Indian to East End	II	$154,453.47	$18,388	$9,194	$207,573	$62,313
2022	Bemis Road from IL-53 to Sunnybrook	III	$1,896,764	$189,676	$94,838	$2,549,092	$747,166

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I - Highest Priority - Deferral not recommended due to more extenstive immediate rehabilitation needs

II - Second Highest Priority - Deferral not recommended due to more extenive near-term rehabilitation needs and business case

III - Third Highest Priority - Deferral should be considered

RC - Cost of Properly Rehabilitating the Street Within the Programmed Year

RSC - Cost of Resurfacing the Street Within the Programmed Year In Lieu of RC

RSD - Depreciation of Resurfacing at time of Future Rehabilitation

FRC - Cost of Properly Rehabilitation the Street 10 Years from Original Programmed Year

DC - Cost of Deferring Rehabilitation = FRC + RSD - RC

Attachment: Exhibit III - Location Map Depicting More Extensive Street Rehabilitation Work (3295 : Continued Review of 5-Year Capital Plan and Master Roadway Program Plan)

Exhibit II - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 5-4-18

Capital Projects Fund

	Capital Fund	CY2017 PROJECTED	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Revenues:							
	Property Taxes	$ 3,588,000	$ 3,705,516	$ 3,816,681	$ 3,931,182	$ 4,049,117	$ 4,170,591
	Telecommunications Tax	760,000	729,600	700,416	672,399	645,503	619,683
	Electricity Use Tax	980,000	980,000	980,000	980,000	980,000	980,000
	Natural Gas Use Tax	314,000	318,710	323,491	328,343	333,268	338,267
	Real Estate Transfer Tax	730,000	753,579	777,920	803,046	828,985	855,761
	Grant Revenue	415,790	3,844,816	-	475,000	-	-
	Sale of Property	750,000	-	-	-	-	-
	Water & Sewer Contribution for Police Project	100,000	-	-	-	-	-
	Forfeiture Funds - To reimburse police station project	300,000	300,000	300,000	260,000	-	-
	Miscellaneous Income	80,000	80,000	83,000	83,830	84,668	85,515
	Interest Income	80,000	60,000	60,600	61,206	61,818	62,436
	Total Revenues	**$ 8,097,790**	**$ 10,772,221**	**$ 7,042,108**	**$ 7,595,007**	**$ 6,983,360**	**$ 7,112,254**
Expenditures:							
Non-Roadway Construction Projects:							
	Minor capital investment/other expenditures	$ 7,500	$ 28,000	$ 16,000	$ 16,000	$ 16,000	$ 16,000
	Village Green Storm Sewer Replacement	-	300,000	-	-	-	-
	Riford Road Drainage Improvements	70,000	-	-	-	-	-
	725 and 729 Riford Various Improvements and Expenditur	36,600	-	-	-	-	-
GF1	Lake Ellyn Improvements	46,010	-	-	-	-	-
	Lake Road Undergrounding	17,000	-	-	-	-	-
	Hill Avenue Bridge	150,000	16,000	-	-	-	-
	Hill Avenue Roadway Improvements (Village Contribution	-	-	180,000	-	-	-
	Hill Avenue Utility Sewer and Water (Phase I)	-	-	-	200,000	-	-
	Prairie Path Resurfacing	38,000	-	-	-	-	-
	Royal Glen Infrastructure Improvements	-	-	-	-	125,000	-
	Saint Charles Road Salt Storage Facility	-	75,000	25,000	-	-	-
	Street Lighting Improvements - CBD	512,500	-	-	-	-	-
	Street Lighting Improvements - 5 Corners	-	70,000	-	-	-	-
	Street Lighting Improvements - Roosevelt Road	14,160	-	-	-	-	-
	Other Projects: Stormwater, Traffic, etc.	111,240	50,000	50,000	50,000	50,000	50,000
	Streetscape and Signage	-	45,000	45,000	-	-	-
	Special Engineering Projects						
GF2	Taylor Avenue Pedestrian Tunnel	171,000	2,900,000	-	-	-	-
	Train Station/Pedestrian Bridge Phase I	100,000	-	-	-	-	-
	CBD Over/Underpass Feasibility Study	-	-	-	-	-	-
GF3	Sidewalk Program	76,440	472,000	200,000	150,000	150,000	150,000
	IDOT Crosswalks	71,164	-	-	-	-	-
	Police Station	9,738,000	-	-	-	-	-
	subtotal non-roadway	11,159,614	3,956,000	516,000	416,000	341,000	216,000
Roadway Rehabilitation Program							
	Pavement Preservation Program	500,000	500,000	500,000	500,000	500,000	500,000
	Pavement Condition Survey	1,950	-	-	25,000	-	-
	Baker Hill Ingress/Egress Improvements	50,000	500,000	-	-	-	-
GF4	Crescent Boulevard Reconstruction	28,396	-	160,000	-	-	-
	Lambert and Taft Intersection Improvements	6,600	-	40,000	-	-	-
	2016 and 2017 Street Resurfacing	1,932,750	-	-	-	-	-
	Elm-Oak-Geneva Improvements	270,000	-	-	-	-	-
	Kenilworth-Alley Improvements	940,000	-	-	-	-	-
	Montclair-East-Davis-Smith Improvements	1,500,000	-	-	-	-	-
GF6	North Park/Main Street Improvements	210,000	2,291,173	-	-	-	-
	Bemis Road Reconstruction (Route 53 to Sunny Brook)	-	-	-	-	150,000	189,676
	DuPage (Nicoll to Bryant) & Nicoll (Roosevelt to DuPage) $	-	-	770,000	-	-	-
	2015 Annexation Areas - Glen Crest Subdivision	-	-	-	1,288,508	-	-
	Future Street Resurfacing/Reconstruction Projects	-	1,250,000	4,066,234	1,308,053	4,540,522	3,952,332
	Concrete Street Patching and Rehabilitation Program	-	-	-	550,000	-	550,000
	CBD Underground Improvements Study	155,000	-	-	-	-	-
	CBD Roadway and Streetscape	6,500	250,000	-	7,350,000	-	-
	Sheehan Avenue Improvements	-	-	-	-	-	697,709
	Misc. Project Close Outs	-	-	-	-	-	-
	IFT / General Fund Engineering	270,600	202,900	207,000	211,000	215,000	219,000
	Engineering for Future Projects	70,000	300,000	-	-	-	-
	subtotal road program	5,941,796	5,294,074	5,743,234	11,232,561	6,205,522	6,108,717
	Total Improvements - Capital Projects Fund	**$ 17,101,410**	**$ 9,250,074**	**$ 6,259,234**	**$ 11,648,561**	**$ 6,546,522**	**$ 6,324,717**
	Bond Repayments	**$ 954,044**	**$ 953,544**	**$ 952,844**	**$ 956,494**	**$ 954,544**	**$ 957,144**
	Total Expenditures - Capital Projects Fund	**$ 18,055,454**	**$ 10,203,618**	**$ 7,212,078**	**$ 12,605,055**	**$ 7,501,066**	**$ 7,281,861**
	Change in Fund Balance, Capital Projects Fund	**$ (9,957,664)**	**$ 568,603**	**$ (169,970)**	**$ (5,010,048)**	**$ (517,706)**	**$ (169,608)**
	Capital Projects Fund Balance, Beginning of Year	**$ 16,424,724**	**$ 6,467,060**	**$ 7,035,663**	**$ 6,865,693**	**$ 1,855,645**	**$ 1,337,939**
	Capital Projects Fund Balance, End of Year	**$ 6,467,060**	**$ 7,035,663**	**$ 6,865,693**	**$ 1,855,645**	**$ 1,337,939**	**$ 1,168,332**

GF# Grant Funded Project And Corresponding Number Code

Exhibit II - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 5-4-18

Facilities Maintenance Reserve Fund

Facilities Maintenance Reserve Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Revenues - Facilities Maintenance Reserve Fund	**$ 802,531**	**$ 304,200**	**$ 302,000**	**$ 302,060**	**$ 302,122**	**$ 302,185**
Facilities Maintenance Plan:						
Civic Center	220,248	716,500	877,500	157,500	95,500	47,500
Fire Stations (moved to Fire Service Fund in 2018)	152,820	-	-	-	-	-
Reno Center	107,064	85,000	40,000	85,000	62,000	8,000
Police Station	-	-	5,000	5,000	5,000	5,000
Stacy's Museum and History Center	34,000	10,000	28,000	25,000	20,000	17,500
Churchill Woods	-	75,000	25,000	-	-	-
Total Improvements: Facilities Maintenance Reserve Fund	**$ 514,132**	**$ 886,500**	**$ 975,500**	**$ 272,500**	**$ 182,500**	**$ 78,000**
Change in Fund Balance, FMR Fund	**$ 288,399**	**$ (582,300)**	**$ (673,500)**	**$ 29,560**	**$ 119,622**	**$ 224,185**
FMR Fund Balance, Beginning of Year	**$ 923,709**	**$ 1,212,108**	**$ 629,808**	**$ (43,692)**	**$ (14,132)**	**$ 105,490**
FMR Fund Balance, End of Year	**$ 1,212,108**	**$ 629,808**	**$ (43,692)**	**$ (14,132)**	**$ 105,490**	**$ 329,675**

Motor Fuel Tax Fund

Motor Fuel Tax Fund	CY2017 PROJECTED	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Capital Revenues - Motor Fuel Tax Fund	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Crescent Boulevard Reconstruction	131,266	-	-	-	-	-
Total Improvements - MFT Fund	131,266	-	-	-	$ -	$ -
Total Governmental Capital Improvements	**$ 18,700,852**	**$ 11,090,118**	**$ 8,187,578**	**$ 12,877,555**	**$ 7,683,566**	**$ 7,359,861**

** This schedule is project based and excludes the purchases of vehicles and equipment; totals may not tie to the Summary of Budgeted Capital Investment.*

Exhibit II - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 5-4-18

Water & Sewer Fund

Water & Sanitary Sewer Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
Capital Revenues - Water & Sewer Fund	**$ 4,220,000**	**$ 3,167,000**	**$ 3,209,000**	**$ 3,165,000**	**$ 3,251,700**	**$ 3,291,000**
CDBG Grant/Potential SSA to fund Royal Glen	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,885,000**	**$ -**
Water Projects:						
Street Program - subject to change - projects are itemized, if known						
CBD Underground Improvements	$ 50,000	$ -	$ -	$ 2,075,000	$ -	$ -
Elm-Oak Improvements	90,000	-	-	-	-	-
Kenilworth-Alley Improvements	245,000	-	-	-	-	-
Montclair-East-Davis-Smith Improvements	600,000	-	-	-	-	-
North Park/Main Street Improvements	40,000	682,021	-	-	-	-
Bemis Road Reconstruction (Route 53 to Sunny Brook)	-	-	-	-	35,000	735,381
Sheehan Avenue Improvements	-	-	-	-	-	422,844
Crescent Boulevard Reconstruction		-	-	-	-	-
Misc. Project Close Outs	138,680	-	-	-	-	-
Future Street Projects	-	60,000	1,649,037	698,612	$ 1,453,585	$ 1,337,750
Street Repairs	2,500	-	18,000	18,000	18,000	18,000
Non-Roadway Projects:						
Standalone Main Replacements:						
Roosevelt Road Water Main	250,000	250,000	1,000,000	1,000,000	1,000,000	-
Roosevelt Road and Route 53 Water Main Lining	75,000	1,500,000	-	-	-	-
Hill Avenue Water Main	-	50,000	-	500,000	-	-
Royal Glen Infrastructure Improvements	-	75,000	-	-	1,675,000	-
Other Projects:						
Wilson & Newton Pumping Station Rehabilitation	25,000	-	-	-	500,000	-
WPAS & NPAS Rehabilitation	-	-	-	-	-	-
Standby Well Rehabilitation	-	-	-	-	-	-
Reservoir Rehabilitation	-	-	200,000	-	-	-
SCADA Reinstrumentation	-	-	-	-	-	150,000
Water Meter Fixed Network Upgrade	-	297,500	297,500	-	-	-
Reno Center Improvements	-	65,000	-	-	-	-
COD Water Main Acquisition/Looping	-	-	50,000	-	-	-
Engineering for Future Projects	25,000	40,000	-	-	-	-
Subtotal - Water Projects	**$ 1,541,180**	**$ 3,019,521**	**$ 3,214,537**	**$ 4,291,612**	**$ 4,681,585**	**$ 2,663,975**
Sewer Projects:						
Street Program - subject to change - projects are itemized, if known						
CBD Underground Improvements	$ 320,000	$ -	$ -	$ 2,075,000	$ -	$ -
2014 Elm-Geneva Connectors-Cottage	-	-	-	-	-	-
Glenwood-Arbor-Ridgewood	-	-	-	-	-	-
Elm-Oak Improvements	250,000	-	-	-	-	-
Kenilworth-Alley Improvements	245,000	-	-	-	-	-
Montclair-East-Davis-Smith Improvements	800,000	50,000	-	-	-	-
North Park/Main Street Improvements	20,000	214,340	-	-	-	-
Bemis Road Reconstruction (Route 53 to Sunnybrook)	-	-	-	-	37,500	740,061
Sheehan Avenue Improvements	-	-	-	-	-	255,378
General Spots Repairs (Other Streets)	-	135,000	-	-	-	-
Miscellaneous Project Close Outs	-	-	-	-	-	-
Future Street Projects	-	-	1,033,991	826,301	1,050,125	501,196
Street Repairs	2,500	18,000	18,000	18,000	18,000	18,000
Engineering for Future Projects	50,000	135,000	-	-	-	-
Non-Roadway Projects:						
I/I Reduction (Lining + Repairs)	563,452	500,000	500,000	500,000	$ 500,000	$ 500,000
Hill Avenue Sanitary Sewer	-	25,000	-	250,000	-	-
Lift Station Rehab						
Hill Avenue	-	25,000	-	-	-	-
Memory Court	-	75,000	625,000	-	-	-
Surrey	-	-	150,000	-	-	-
South Park	-	-	-	-	-	-
Orchard Place	-	-	-	-	-	400,000
Police Station-Utilities	50,000	-	-	-	-	-
Royal Glen Infrastructure Improvements	-	40,000	-	-	85,000	-
Reno Center Improvements	-	65,000	-	-	-	-
Subtotal - Sewer Projects	**$ 2,300,952**	**$ 1,282,340**	**$ 2,326,991**	**$ 3,669,301**	**$ 1,690,625**	**$ 2,414,636**
Total Improvements - Water & Sewer Fund	**$ 3,842,132**	**$ 4,301,861**	**$ 5,541,528**	**$ 7,960,914**	**$ 8,062,835**	**$ 7,493,246**
Change in Capital Balance, Water & Sewer Fund	**$ 377,868**	**$ (1,134,861)**	**$ (2,332,528)**	**$ (4,795,914)**	**$ (2,926,135)**	**$ (4,202,246)**
Water & Sewer Capital Fund Balance, Beginning of Year	**$ 5,689,135**	**$ 6,067,003**	**$ 4,932,142**	**$ 2,599,614**	**$ (2,196,300)**	**$ (5,122,435)**
Water & Sewer Capital Fund Balance, End of Year	**$ 6,067,003**	**$ 4,932,142**	**$ 2,599,614**	**$ (2,196,300)**	**$ (5,122,435)**	**$ (9,324,681)**

Exhibit II - Village of Glen Ellyn
5-Year Capital Improvement Plan
Updated 5-4-18

Parking Fund

	Parking Fund	CY2017 FORECAST	CY2018 FORECAST	CY2019 FORECAST	CY2020 FORECAST	CY2021 FORECAST	CY2022 FORECAST
	Civic Center Parking Lot Resurfacing	$ 45,000	$ -	$ -	$ -	$ -	$ -
	Crescent East Parking Lot Resurfacing	-	-	46,818	-	-	-
	Crescent West Parking Lot Resurfacing	-	-	32,773	-	-	-
	Duane/Glenwood Paver Maintenance	-	-	-	-	-	-
	Duane/Lorraine Parking Lot Resurfacing	202,500	-	-	-	-	-
	Forest/Duane Parking Lot Resurfacing	12,000	-	-	-	-	-
	Glenwood/Crescent Parking Lot Resurfacing	-	-	-	-	-	-
	History Center Parking Lot Resurfacing	16,000	-	-	-	-	-
	Main/Glenwood East Lot Resurfacing	-	-	-	-	-	96,607
	Main/Glenwood West Lot Resurfacing	-	-	42,136	-	-	-
	Main/Glenwood Retaining Wall Replacement	19,000		250,000			
	Main/Penn Lot Resurfacing	-	140,000	-	-	-	-
	Montclair Commuter Lot Resurfacing	-	-	-	-	132,598	-
	Shock's Square	-	35,000	-	-	-	-
	Stuart East Parking Lot Resurfacing	-	-	-	-	-	-
	Stuart West Parking Lot Resurfacing	-	-	-	-	-	-
	General Parking Lot Maintenance	20,500	10,000	10,000	10,000	$ 10,000	$ 10,000
	Wayfinding Signage	-	50,000	-	-	-	-
	Electronic Payboxes in Duane/Lorraine Lot	24,000	-	-	-	-	-
	CBD Surface Parking Lot Light Conversion HPS to LED	30,000	-	-	-	-	-
	Total Improvements - Parking Fund	**$ 324,000**	**$ 235,000**	**$ 381,727**	**$ 10,000**	**$ 142,598**	**$ 106,607**

Grants

GF6	North Park /Main Street	$ -	$ 1,599,000	$ -	$ -	$ -	-
GF1	Lake Ellyn OCS Community Development Block Grant Disas	279,500	-	-	-	-	-
GF1	Lake Ellyn OCS Project Park District Contribution Towards D	-	-	-	-	-	-
	Lambert and Taft Highway Safety Improvement (Not Yet Se	-	-	-	-	-	-
GF8	Central Business District Lighting Grant	-	-	-	-	-	-
GF9	Central Business District STP LAFO Grant	-	-	-	475,000	-	-
	Crescent Boulevard STP Resurfacing (Lake to East Village Li	-	-	-	-	-	-
GF3	CMAQ Crosswalk Improvements-53/Pershing; Nicoll/Rvlt; Lambert/Rvlt.	54,790	85,816	-	-	-	-
GF5	Geneva Road Sidewalk Cost Share With DuPage County	-	-	-	-	-	-
	Geneva Road Stormwater Improvements	52,500	-	-	-	-	-
	Lake Road Underground Contributions	20,000					
	Sale of Lake Road Right-Of-Way	9,000					
GF2	Taylor Street Underpass	-	2,160,000	-	-	-	-
	Newton Storm Sewer - DCEO Grant	-	-	-	-	-	-
	Total Grants	**$ 415,790**	**$ 3,844,816**	**$ -**	**$ 475,000**	**$ -**	**$ -**

GF4 The project costs for Crescent Boulevard already account for the associated grants

** This schedule is project based and excludes the purchases of vehicles and equipment; totals may not tie to the Summary of Budgeted Capital Investment. This project is also on a cash flow basis and contemplates when project payments will occur rather than the year they will be approved in the budget. An example would be a project that is approved in the 2017 budget, but has payments that will be made in 2018 as work progresses on the project. Thus, this schedule will not correlate directly to budgeted amounts.*

**Revenues are included for those funds that have dedicated capital revenue streams.

Capital Improvements Commission
535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/08/18 07:00 PM
Department: Capital Improvements Commission
Department Head: Rich Daubert
Category: Report
Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3296) DOC ID: 3296

Monthly Construction Report for May 2018

ATTACHMENTS:

- Monthly Construction Report 5-4-18 (PDF)

May 4, 2018

ENGINEERING DIVISION PROJECT ACTIVITY REPORT

CONSTRUCTION PROJECTS

2018 Major Construction Projects

NORTH PARK BLVD. / MAIN STREET IMPROVEMENTS – Contractor: R.W. Dunteman Co.
(Project No. 13001; Value of Construction Contract = $2,945,000)
The Preconstruction meeting was conducted at IDOT District 1 on Thursday, May 3 with representatives from the Contractor, Engineer, IDOT, and Village present. The Contractor substantially commenced work on Main Street this week (week of April 30). Over the course of the next 5 weeks, the Contractor will be removing and replacing sections of curb/gutter and sidewalk followed by milling, patching, and resurfacing of Main Street between Roosevelt and Fairview. Residents throughout the project corridor have been notified of the project details as well as invited to a Project Informational Meeting which will be held at the Civic Center on Wednesday, May 9 from 7 pm – 9 pm.

ROOSEVELT ROAD WATER MAIN REPLACEMENT (Nicoll to IL-53) – *Contractor:* ***Swallow Construction Corp.***
(Project No. 13008; Value of Construction Contract = $520,000)
The Contractor has substantially completed the installation of the water main within the Roosevelt Glen Commercial Development. The main is currently undergoing disinfection and sampling. Following passing sample results, the Contractor will return to complete the water service connection work in the Development and water main replacement along Roosevelt Road.

Construction Projects in Punch List/Closeout Phase:

KENILWORTH AVE / ALLEY IMPROVEMENTS – *Contractor:* ***A Lamp Concrete Contractors***
(Project No. 16009; Value of Construction Contract = $1,315,000)
The contractor has completed punch list items including the installation of fire hydrant extensions, b-box repairs, and concrete maintenance work. The only remaining punch list item, a deficient sidewalk ramp, will be replaced in the spring. Staff will review the entire project area in the spring of 2018 prior to accepting the improvements.

2017 STREET RESURFACING – *Contractor:* ***Geneva Construction Company***
(Project No. 17002; Value of Construction Contract = $2,060,000)
The Contractor is currently completing the project Punch List.

2017 ROADWAY IMPROVEMENTS – *Contractor:* ***John Neri Construction Company***
(Project No. 17004; Value of Contract = $2,979,000)
In response to the Village rejecting the asphalt surface course on East Road between Fairview and High as well as at the intersection of Smith and Spring, the Contractor is in the process of milling

and resurfacing these areas at its expense. Milling operations were completed on Thursday, May 3 with the surface placement scheduled for Monday, May 7.

HILL AVENUE BRIDGE REPLACEMENT **–** *Contractor:* ***Dunnet Bay Construction***
(Project No. 16008; Value of IDOT Contract = $1,550,000; Glen Ellyn Share = $160,000)
The Village has received and is processing invoices from Lombard for construction and construction engineering for the project.

CRESCENT BOULEVARD RECONSTRUCTION **–** *Contractor:* ***Martam Construction***
(Project No. 13002; Value of IDOT Contract = $3,153,000; Local Share = $1,480,000)
The engineer (ESI) has submitted the final balancing authorization (establishing the final contract pay item quantity and cost changes) to IDOT for review. Other various items pending completion include material approvals by IDOT and resolution of the Village's Liquidated Damage Claim against the Contractor.

X-WALK IMPROVEMENTS AT IDOT INTERSECTIONS **–** *Contractor:* ***Hecker and Company***
(Project No. 14007; Value of IDOT Contract = $197,971; Local Share = $65,000)
The engineer (James J. Benes & Associates) continues to work on project documentation and closeout. Final quantities have been approved by IDOT. Closeout of the project is imminent with project reimbursement requests to be made immediately thereafter.

ENGINEERING PROJECTS

TAYLOR AVENUE PEDESTRIAN TUNNEL** – Engineer: **Alfred Benesch
(Project No. 15009)
Six bids were received for the project on Friday, April 27. The apparent low bidder is D. Construction of Coal City, Illinois in the amount of $2,745,521. IDOT is currently reviewing the bids to ensure there are no concerns with awarding the project to D. Construction. Proposals for Phase III Engineering have been requested from 8 firms and are due on Friday, May 18.

ROOSEVELT ROAD – ROUTE 53 WATER MAIN LINING** – Engineer: **Baxter & Woodman
(Project No. 16015)
Engineering and utilities staff has reviewed the acoustical water main testing results and identified the preferred project limits and improvement alternatives. Staff will meet with the Engineer to review its findings and provide direction for completing design and letting of the project.

BAKER HILL ACCESS IMPROVEMENTS** – Engineer: **James. J. Benes
(Project No. 16021)
On April 10, IDOT provided review comments to the Engineer's initial submittal made to the Department on December 28, 2017. The Village and Engineer have requested clarification on IDOT's request for a Traffic Impact Study and Sight Distance Study. The Engineer anticipates resubmittal of further detailed plans and a disposition letter to IDOT by the end of June with the iterative IDOT review, resubmittal, and approval process potentially taking until the end of the year.

2018 STREET RESURFACING** – Engineer: **In-House
(Project No. 18002)
Five bids were received for the project on Wednesday, May 4. The apparent low bidder is Orange Crush of Hillside, Illinois in the amount of $1,008,888. Staff is currently reviewing the bid proposals and construction engineering proposals with a recommendation to be presented to the Village Board for consideration on May 14.

SCOTT-CLIFTON-CUMNOR IMPROVEMENTS** – Engineer: **In-House
Topographic survey and preliminary geotechnical engineering investigations have been completed with design and plan preparation underway for rehabilitation of the streets within the Scott-Clifton Cumnor area.

CENTRAL BUSINESS DISTRICT PROJECTS

***TRAIN STATION / PEDESTRIAN TUNNEL** – Engineer: CDM Smith/KMI Architects*
(Project No. 16016)
The project team including Staff and CDM Smith is preparing for a May 15 Federal Highway Administration Phase I Engineering Coordination Meeting at IDOT District 1 Headquarters. The project will be presented to FHWA with the group outlining its expectations for the completion of Phase I Engineering. Staff is working with the Engineer and Architect to complete Phase I Engineering by early 2019. In unison with the completion of Phase I Engineering, the Village will commence pursuit of grants to fund the project. The current rough order of magnitude cost estimate for the project is $19M.

VEHICULAR OVER/UNDERPASS FEASIBILITY** – Engineer: **HDR

(Project No. 14006)

While the project is currently on hold due to funding constraints, Staff and HDR are reviewing a potential opportunity for Phase I Funding through a recently announced Federal Grant Program called Better Utilizing Investments to Leverage Development, or BUILD. The program allocates a total of $1.5B in Transportation Discretionary Grants with $15M allocated for planning and design engineering.

CBD UTILITY STUDY** – Engineer: **RJN Group/Michels Corp.

(Project No. 15006)

RJN group is preparing a draft report of the CBD Utility Study with some field investigation and testing, including flow metering, still underway. Staff is hopeful that the recent rain events will result in useful data collected by the sewer flow meters. Finalization of the field work and report is anticipated to extend into summer.

***CBD ROADWAY AND STREETSCAPE IMPROVEMENTS** – Engineer: Pending*

(Project No. 15006)

Preparation of the RFP for design engineering services is underway with staff also reviewing the possibility of utilizing a design-build approach for the project.

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
2017 Sidewalk and Concrete Roadway Repairs	$215,000 (2017)	Mondi Construction performed the replacement of concrete curb, sidewalk, and street panels at 146 locations throughout the Village between August and November of last year. The contractor has been notified that punch list restorations will need to be addressed.
2018 Sidewalk and Concrete Roadway Repairs	$244,358 (2018)	Extensive sidewalk and concrete roadway panel replacement is intended for this year's program. Staff is aware of 94 candidate locations, and used these to develop contract documents for letting. Due to a lack of bids received from the April request for bids, staff is revising the bidding and contract documents for re-letting of the project in May.
Lake Ellyn Park and Glenbard West Sidewalk Improvements	$370,860 (2018)	Project scope includes installing new sidewalk along the south and east sides of Lake Ellyn, along Lenox Road adjacent to Lake Ellyn Park, and along Ellyn Avenue adjacent to the Glenbard West Parking Lot. Engineering Resource Associates have submitted 90% plans for design of the Glenbard West parking lot, while the remainder of design work was completed in-house. Due to a lack of bids received from the April request for bids, staff is revising the bidding and contract documents for re-letting of the project in May.
2018 Parking Lot Resurfacing and Asphalt Roadway Patching	$275,000 (2018)	Project scope currently includes resurfacing the Main/Pennsylvania and Shock's Square Parking Lots. Roadway and Parking Lot patching throughout the Village is also included. Staff is developing contract documents for a June bid advertisement.
2018 Pavement Markings	$50,000 (2018)	Candidate locations are under review. The contract was awarded to the Suburban Purchasing Cooperative low bidder, Superior Road Striping, at the March 12th Board Meeting.
2018 Crack Sealing	$25,000 (2018)	Candidate locations are under review. Staff is developing contract documents for a July bid advertisement.
2018 Asphalt Rejuvenation	$85,000 (2018)	Candidate locations include streets that have been resurfaced one to three years prior. Staff will request a proposal from Corrective Asphalt Materials prior to recommending a single source purchase award at the July 23rd Board Meeting.
Annual Sewer Lining	$500,000 (2018)	Staff has developed contract documents. Televising of additional sewer sections is required and has been requested to be complete by PW Utilities Division. Project will be bid as soon as all sewer video is received, reviewed and remaining sewer sections are included in the scope of the work.
Spoil Hauling and Delivery of Aggregates	$54,000 (2018)	KLF Enterprises