

STUDY SESSION
WINNETKA VILLAGE COUNCIL
510 Green Bay Road
Winnetka, Illinois 60093
Tuesday, January 12, 2010
7:30 p.m.

AGENDA

- 1) Call to Order
- 2) Project Update: Village Hall Restoration and Renovation2
- 3) Capital Plan for 2010/2011 Village Budget.....11
- 4) Reports
- 5) Executive Session
- 6) Adjournment

NOTICE

All agenda materials are available at www.villageofwinnetka.org (click Council and then Current Agenda), the Reference Desk at the Winnetka Library, or in the Manager’s Office at Village Hall (2nd floor). Information regarding rebroadcast of regular Council meetings may also be found on the Village’s website.

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Agenda Report

Subject: **Project Update – Village Hall Restoration and Renovation**

Prepared By: Steven M. Saunders, Director of Public Works/Village Engineer

Date: January 7, 2010

In 2007, the Village Council awarded a contract to the architectural firm of YAS Architecture to undertake a needs analysis to evaluate the condition of, and possible improvements to, the 1925 Village Hall. During the needs analysis, YAS identified a basic scope for the project consisting of roof replacement, exterior masonry restoration, window restoration or replacement, HVAC upgrades, technology and ergonomic upgrades to the Council Chamber, architectural restoration of the lobby and central stairway, remodeling the Finance Department offices, fire protection improvements, and improvements to the employee facilities in the basement. The preliminary cost of these improvements was estimated at \$2.9 million.

In January 2009, pursuant to the completed needs analysis, the Village Council awarded a contract to the architectural firm of Holabird & Root (H&R) to prepare construction plans and specifications to implement these improvements.

In June, H&R provided a preliminary report detailing the recommended exterior improvements, which was discussed by the Village Council. H&R has recommended that the roof be replaced, that the exterior masonry be repaired, and that interior and exterior repairs be completed in the clock tower. H&R offered two possibilities for addressing the windows, either restoration or replacement. When the Village Council discussed H&R's recommendations, there was a general consensus to move forward with the exterior repairs, however there was not a consensus on how to proceed with the windows.

Subsequent to the Council's discussion of the exterior improvements, the Design Review Board and Landmarks Preservation Commission discussed the project. Both Boards concurred with H&R's recommendations for the roof and exterior improvements, and both Boards strongly recommended restoration of the existing windows, to include replacing the unattractive and architecturally incompatible exterior storm windows with a more appropriate treatment. Given this input, H&R has further investigated options for the windows, and making major changes to the windows will necessitate interior work as well. This investigation took some time, and as a result it was felt that attempting to bid the exterior project out in September would have incurred the risk of not being able to finish the exterior, roofing, and window work before the onset of winter conditions.

In order to assist staff and H&R in addressing the many questions and issues which arise during the design phase, the Village Council has appointed an Ad Hoc Technical Committee consisting of Village President Jessica Tucker, Trustee Chris Rintz, and

former Trustee Nan Greenough. There are some items that the Technical Committee has evaluated and discussed, that need to be discussed by the entire Village Council.

Windows. One of the most visible and important aspects of this project is how the windows will be treated as part of the renovation. There are three important aspects to the windows – aesthetics, performance, and cost. In order to address the aesthetic issues, H&R presented the proposed exterior improvements to the Design Review Board and Landmarks Preservation Commission for their comments. Both boards expressed a preference for restoration of the existing windows, and the LPC also expressed a desire to address the non-historic and unattractive exterior storm windows. As a result of this guidance, H&R has thoroughly evaluated the existing window conditions and developed cost estimates for both restoration of the existing windows and new windows. H&R found that the existing wood windows are structurally and mechanically sound, and that restoring the windows is considerably less expensive than installing new windows. Window restoration is estimated at about \$280,000. Replacement with stock windows is estimated at about \$450,000 and replacement with custom windows is estimated at about \$805,000. H&R’s recommendation is to restore the existing windows and to replace the unattractive triple-track storm windows with a more appropriate product. The Ad Hoc Technical Committee has discussed this recommendation and concurs that this would be the appropriate way to proceed.

Leadership in Energy and Environmental Design (LEED) Certification. The Village has an opportunity to seek LEED certification for the proposed renovations at Village Hall. H&R has evaluated the possible certification level that the Village could expect to achieve, and costs associated with obtaining LEED certification. H&R believes that the Village of Winnetka can achieve LEED Certified and possibly LEED Silver certification for this project. H&R has estimated that the additional cost to the project to achieve LEED certification is approximately \$252,000, plus approximately \$30,000 in additional design and management fees. H&R has evaluated what proportion of the \$252,000 is related to additional construction standards needed to achieve LEED Certification, and what proportion is related to the additional recordkeeping, documentation, and commissioning needed to verify compliance with LEED standards (“getting the plaque”). These costs portion out as follows:

LEED Item	Scope	“Hard” Construction Cost	“Soft” Documentation Cost
PREREQUISITES			
20% Reduction of Water Usage	Replace additional plumbing fixtures and renovate existing 2 nd floor restrooms	\$80,000	\$0
Minimum Energy Performance	Create energy model to demonstrate compliance	\$0	\$20,000
Storage/Collection of Recyclables	Create 150-200 s.f. recycling room	\$0	\$0
Const. Pollution	Additional debris	\$0	\$20,000

Prevention Plan	management and documentation for contractor		
Fundamental Commissioning	Hire independent 3 rd party to calibrate and document as-built performance	\$0	\$50,000
Tobacco Smoke Control	Prohibit smoking in and within 25' of bldg.	\$0	\$0
ADDITIONAL CREDITS			
SS2 – Development Density and Community Connectivity	Verify that Village Hall is within ½ mile of residential neighborhood with density of 10 units/acre	\$0	\$0
SS4.2 – Alternative Transportation	Install Bike racks within 200 yards of entrance	\$2,000	\$0
SS4.3 – Alternative Transportation	Provide dedicated parking for low emitting and fuel efficient vehicles	\$0	\$0
WE3 – Water Use Reduction	Reduce water use by additional 10%	\$0	\$0
EA3 – Enhanced Commissioning	Additional commissioning by independent 3 rd party	\$0	\$40,000
MR4 – Recycled Content MR5 – Regional Materials	Increased Construction Cost	\$0	5% Material Cost
IEQ1 – Outdoor Air Delivery Monitoring	Add sensors to monitor CO2 inside and outside building	\$0	\$20,000
IEQ2 – Increased Ventilation	Upsize fans and ductwork	\$10,000	\$0
IEQ5 – Indoor Chemical and Pollutant Control	Add floor mats at entrances and additional ventilation & sealant at janitor area, copy areas, etc.	\$10,000	\$0
ID1 – Innovative Design	Credit for Eliminating fuel emissions	\$0	\$0
TOTAL		\$102,000	\$150,000

To summarize, of the \$252,000 estimated expense to achieve to achieve LEED certification, \$102,000 is associated with actual construction of physical improvements to the building, and the remaining \$150,000 is associated with either commissioning costs or increased construction costs related to overhead or recordkeeping.

The Ad Hoc Technical Committee has reviewed the above information with H&R and is recommending that the Village complete all of the necessary construction activities to obtain LEED credits, but refrain from expending the approximately \$150,000 for commissioning and recordkeeping. Or, to put it another way, construct the improvements in an environmentally conscientious way, but save the \$150,000 it costs to “get the plaque”. H&R’s technical memos concerning LEED certification are attached.

Project Scope and Cost. The overall intent of the project is to substantially renovate the exterior and portions of the interior of the Village Hall. Exterior improvements include replacing the roof, repairing the masonry exterior and replacing the exterior facing of the clock tower. Interior renovations include replacement of the obsolete HVAC system, fire protection improvements, technology and ergonomic improvements to the Council Chambers, renovation of the Finance Department space, architectural restoration of the lobby and central stairs, and other interior space improvements such as bathroom accessibility, provision of locker rooms, and relocation of the computer/server room. H&R is completing a detailed cost estimate for the complete set of improvements, based on the 95% plans. This estimate, prepared by an independent cost estimating firm, will be provided to the Village on January 11, and will be provided to the Council at the January 12 Study Session.

Bidding and Construction Schedule. H&R has estimated that the project can be bid and awarded within the following schedule:

Project Milestone	Date
Council Direction to Proceed with Bidding	January 12, 2010
Construction Documents Complete	February 19, 2010
Bids Received	March 25, 2010
Bid Award	April 6, 2010
Start Construction	April 26, 2010

H&R is preparing construction and bidding documents that will allow the Village to solicit construction bids and to ascertain an actual cost for the improvements. Since the Village Council is still the only authority that can award the bids, the Village could solicit construction bids to determine the actual cost of the project and then determine whether to award the project based on actual bid costs.

Recommendation:

Consider authorizing staff to solicit bids for the Village Hall Improvements, with a scope of work including:

1. Roof replacement
2. Clock tower repairs

3. Exterior masonry repairs
4. Council room improvements
5. New HVAC system
6. New fire protection system
7. Lobby/stair architectural restoration
8. Finance Department renovation
9. Computer room, Locker room, and bathroom accessibility improvements
10. LEED certification improvements

Memorandum

To: Mr. Steve Saunders
Director of Public Works
Winnetka Village Hall
510 Green Bay Rd
Winnetka, IL 60093

Date: 11.02.2009

Project: Winnetka Village Hall
510 Green Bay Rd
Winnetka, IL 60093

Project No. 15120.00

Subject: LEED Preliminary Review & LEED
2009 Evaluation

CC: Ernie Wagner, H&R
Tad Hofkin, H&R
File

Remarks:

Dear Mr. Saunders-

H&R has prepared the attached New Construction and Major Renovations Checklist for the project; the following scope of work is required to meet the prerequisites:

Credit:	Scope	Approx Cost
20% Reduction of Water Usage	Replacement of additional plumbing fixtures; new accessible countertops, toilet accessories, and ventilation at existing toilet rooms; <i>H&R recommends the replacement of the toilet partitions, lighting, and finishes to complete the renovation of the toilet rooms</i>	\$80,000
Minimum Energy Performance	Energy Model to demonstrate compliance	\$20,000
Storage and Collection of Recyclables	Create a 150-200 sf recycling center	\$0
Construction Activity pollution prevention		\$20,000
Fundamental Commissioning of Building Energy Systems	Owner's agent	\$50,000
Environmental Tobacco Smoke Control	Prohibit smoking in the building and within 25 feet of any entries, air intakes or operable windows. Add signage	\$0
		\$170,000

In addition to fulfilling these prerequisites, additional credits (3 points) would need to be pursued by the Owner in order to achieve LEED Certified or Silver (13 points). There are several credits that the Village may wish to pursue to attain their desired LEED Rating, such as:

Credit:	Scope	Approx Cost
SS 2 – Development Density and Community Connectivity (5 points)	The Village will need to verify the Village Hall is within ½ mile of residential neighborhood with an average density of 10 units per acre	\$0
SS4.2 – Alternative Transportation (1 point)	Install bicycle racks with 200 yards of entrance.	\$2,000
SS4.3 - Alternative Transportation (3 points)	Provide dedicated parking for low emitting and fuel-efficient vehicles. Add signage	\$0
WE3 - Water Use Reduction	Reduce water reduction by additional 10%	\$0
EA3 – Enhanced Commissioning	increased Owner cost	\$40,000
MR4 – Recycled Content	Increased construction cost	5% material cost
MR5 – Regional Materials	Increased construction cost	
IEQ 1 – Outdoor Air Delivery Monitoring	Add sensors to monitor the carbon dioxide in the outdoor air and within the building	\$20,000
IEQ2 – Increased Ventilation	Upsize fans and ductwork	\$10,000
IEQ5 – Indoor Chemical and Pollutant Control	Add floor mats at entrances and additional ventilation and sealant at jc, copy rooms, etc. -	\$10,000
ID1 – Innovative Design	Credit for eliminating fuel emissions	\$0
		\$82,000 + 5% material costs

Regards,

Amy C. Milobowski, AIA, LEED AP
 Holabird & Root, LLC

Memorandum

To: Mr. Steve Saunders
Director of Public Works
Winnetka Village Hall
510 Green Bay Rd
Winnetka, IL 60093

Date: 10.16.2009

Project: Winnetka Village Hall
510 Green Bay Rd
Winnetka, IL 60093

Project No. 15120.00

Subject: LEED Preliminary Review & LEED
2009 Evaluation

CC: Ernie Wagner, H&R
Jon Mesik, H&R
File

Remarks:

Dear Mr. Saunders-

The YAS report dated 5/18/07 provided a checklist for the Village Hall renovation & Restoration Project for LEED Existing Building (EB) v2.0. The included LEED checklist indicated the project could achieve a LEED Certified, with the potential of achieving LEED Silver.

H&R does not believe that the project can be registered under existing buildings because more than 50% of occupants will be relocated, and more than 50% of the floor area will be altered, given the mechanical upgrades; the project should seek certification under the current version of LEED 2009 (v3).

H&R has prepared the following New Construction and Major Renovations Checklist for the current scope of work; the following prerequisites would require additional scope and costs to be added to the project:

- Construction Activity pollution prevention – increased construction cost
- 20% Reduction of Water Usage – **this will require the replacement of the majority of remaining plumbing fixtures; which will trigger 100% compliance at the toilet rooms**
- Fundamental Commissioning of Building Energy Systems – **Increased Owner cost**
- Minimum Energy Performance
- Fundamental Refrigerant Management – eliminate CFC-based refrigerants - **increased construction waste costs for disposal of refrigerant**
- Storage and Collection of Recyclables – create an accessible recycling center
- Minimum Indoor Air Quality Performance
- Environmental Tobacco Smoke Control - prohibit smoking in the building and within 25 feet of any entries, air intakes or operable windows.

In addition to fulfilling these prerequisites, additional credits (3 points) would need to be pursued by the Owner in order to achieve LEED Certified or Silver (13 points). There are several credits that the Village may wish to pursue to attain their desired LEED Rating, such as:

SS 2 – Development Density and Community Connectivity (5 points) – verify the Village Hall is within ½ mile of residential neighborhood with an average density of 10 units per acre and within ½ mile of at least 10 basic services. (The Village will need to provide the neighborhood density/census values)

SS4.2 – Alternative Transportation (1 point) - provide bicycle racks with 200 yards of entrance and verify quantity of showers added is 0.5% of FTE occupants.

SS4.3 - Alternative Transportation (3 points) – provide dedicated parking for low emitting and fuel-efficient vehicles

WE1 – Water Efficient Landscaping (2 points) - Reduce water requirements by 50% (existing plantings and irrigation may comply?)

WE3 – Water Use Reduction – reduce water reduction by additional 10%

EA3 – Enhanced Commissioning – Increased Owner cost

EA5 Measurement & Verification – Increased Owner Cost and time

MR4 & MR5 – Recycled Content and Regional Materials – Increased construction cost

IEQ 1 – Outdoor Air Delivery Monitoring – Increase Owner/Construction cost

IEQ2 – Increased Ventilation – upsize fans, increased construction cost

IEQ5 – Indoor Chemical and Pollutant Control – add floor mats at entrances and additional ventilation and sealant at jc, copy rooms, etc. - increased construction scope/cost

ID1 – Innovative Design credit for eliminating fuel emissions

Regards,

Amy C. Milobowski, AIA, LEED AP
Holabird & Root, LLC

Agenda Report

Subject: **Capital Plan for 2010/2011 Village Budget**

Prepared by: Ed McKee, Finance Director

Ref:

Date: December 24, 2009

Attached is the draft capital plan that will be included in the budget document distributed next month. The report is broken down by fund similar to how the Village's financial records are organized in accordance with generally accepted governmental accounting practices.

There is a financing summary spreadsheet for each fund that shows beginning cash balances, cash generated from operations, financing, and revenue adjustments. This summary also shows in total the projected capital expenditures. Following the summary spreadsheet is additional detail on the individual projects. At the end of the packet is a brief description of each project. In order to be in the capital plan, a project must generally be \$50,000 or more and not be a normal operating expense.

General Fund (Summary page 70, project spreadsheet pages 74 to 75, project explanations pages 82 to 84)

The General Fund capital plan financing summary (page 70) indicates that contributions from operations are about adequate to fund the anticipated capital needs for items that are financed from general revenues, with the exception of the major Public Works Drainage projects. The projections assume the drainage improvements are financed by issuing Stormwater utility bonds and raising revenues to pay those bonds off over time. As an alternative, the Village could use a mix of raising revenues, cutting back on other capital, or reducing other expenses to pay for these substantial costs.

Individual projects are listed on pages 74 to 75. Those items with a price over \$250,000 are indicated with yellow highlighting and italics. The first noteworthy item is the contingency which is project A-1. The Village has only spent the contingency once to purchase the property on the southeast corner of Green Bay and Winnetka Avenue. Given some of the projects currently under consideration, staff felt it was appropriate to put \$1,000,000 in the 2010/2011 budget as a contingency. Use of these funds will require Council action.

Public Works projects (page 74, bottom) P-1 to P-10 indicate storm water improvement projects under consideration. Some of the projects are tied to the policy issue of making significant storm water improvements to reduce flooding (P-1 to P-5) while other projects are more akin to maintaining existing infrastructure, like the repairs to the storm water outfalls into Lake Michigan.

On page 75 the Street and Alley reconstruction and rehabilitation expenses (project P-19) continues at the roughly \$1,000,000 per year level. There is an additional \$200,000 budgeted in the Motor Fuel Tax Fund for street rehabilitation (page 76, project M-1) in 2010/2011.

Facilities Fund (Summary page 71, project explanation on page 85)

The Facilities Fund includes the design and construction costs for the Village Hall project under consideration by the Council.

Streetscape Fund (Summary page 72, project explanation on page 85)

The Streetscape Fund includes the design and construction costs for the downtown streetscape plans under consideration by the Council.

Motor Fuel Tax Fund (Summary page 73, project spreadsheet page 76, project explanation on pages 85)

The Motor Fuel Tax Fund is used to account for the allotments the Village receives from the State on a per capita basis that are restricted to roadway use. The three largest projects over the next 5 years are replacing the Green Bay Rd. and Winnetka Avenue traffic signal in 2010/2011 (\$450,000), the construction costs related to the Village taking over a portion of Willow Road from the State in 2012/2013 (\$1,750,000), and replacing traffic signals in 2014/2015 (\$500,000).

Refuse Fund (Summary page 73, project spreadsheet page 76, project explanations page 88)

The Refuse Fund generates revenues from property taxes levied for refuse, additional charges for twice a week collection and commercial accounts, and a subsidy from the General Fund of \$550,000 in 2010/2011. Capital outlay consists mainly of refuse collection vehicles and equipment.

Sewer Fund (Summary page 73, project spreadsheet page 76, project explanations page 88)

The Sewer Fund generates revenues from a user charge based on water use. In 2010/2011 the staff will be reviewing rates to determine if an increase is warranted to generate more cash from on-going operations.

Electric Fund (Summary page 77, project spreadsheet pages 78 to 79, project explanations page 86)

The Electric Fund capital plan financing summary (page 77) indicates that contributions from operations are about adequate to fund the anticipated capital needs, with the exception of the upgrades to the Northfield Substation in 2013/2014 (about \$3,200,000 all in).

The capital plan reviewed last year at budget time reflected a 1.5% electric rate increase each year for four years starting in 2010/2011. Based on the preliminary budget estimates and capital plan attached, it is possible to reduce the 1.5% increase to 1.0% and start the increases one year later in 2011/2012.

The current thinking, based on where interest rates are at today, is that the General Fund would loan the Electric Fund dollars needed to keep a minimum operating cash balance of around \$2,500,000. The Electric Fund would repay the loan with interest as additional cash is generated from the increase in rates.

New Trier High School is looking at remodeling the school in the next year or two. Staff has estimated the capital costs related to this project and has budgeted them as an expenditure. An equal amount of revenue is also budgeted as customers pay for service upgrades they require. Therefore, there is no net financial impact on the bottom line in the Electric Fund because of the NTHS project.

Water Fund (Summary page 77, project spreadsheet pages 80 to 81, project explanations page 87)

The Water Fund capital plan financing summary (page 77) indicates that contributions from operations are not adequate to fund capital needs. The Council began addressing this concern last year when the concept of a 4% rate increase each year for five years to improve cash generated from operations was discussed. Also, a 4% rate increase for five years to generate more cash for water plant improvements was reflected in the capital plan. In 2009/2010 the cool and wet weather resulted in lower sales and therefore the hoped for additional cash did not materialize. This shortfall will delay by one year the generation of cash sought but should not result in rates higher than that initially proposed.

The General Fund would loan the Water Fund money needed to maintain a minimum operating cash balance of around \$400,000.

The four largest capital projects for 2010/2011 are 1) replace high lift pump #4 (\$528,000), 2) replace the 10" Winnetka water main from Wilson to Church (\$350,000), 3) install effluent pipe in Clearwell # 3 (\$305,000) and replacement of Pratt valves (that control the flow of water at the plant, \$175,000).

Recommendation: Have staff present the Capital Plan and answer questions.

Village of Winnetka
Capital Financing
(In Thousands of Dollars)

12.23.09

	09/10 Estimated	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	Total	
General Fund								
4/1 Beg. of Year Cash Bal.	*	16,508	15,766	14,500	13,205	13,520	12,480	
Sources of Cash								
** Contribution from Operations		2,188	2,090	2,000	2,000	2,000	2,000	12,278
Transfer to Facilities Fund		0	(400)	0	0	0	0	(400)
Transfer to Fleet Services			(75)					
Transfer to Streetscape Fund		(825)	0	(1,800)	0	0	0	(2,625)
Stormwater Utility Bond				3,600	4,200			7,800
a Cash Available for Capital		1,363	1,615	3,800	6,200	2,000	2,000	17,053
Less: Cash Used for Capital								
Debt Service		336	340	335	335	335	335	2,016
Police		0	325	0	60	0	0	385
Fire		207	500	60	0	400	0	1,167
Public Works - w/o Drainage		1,497	1,156	1,100	1,290	1,355	1,453	7,851
b Sub - Total Recurring Capital		2,040	2,321	1,495	1,685	2,090	1,788	11,419
Cash-Flow after Recurring Capital		(677)	(706)	2,305	4,515	(90)	212	5,634
c Less: Public Works - Drainage		65	560	3,600	4,200	950	250	9,075
Net Source (Use) Of Cash		(742)	(1,266)	(1,295)	315	(1,040)	(38)	

.=a-(b+c)

Notes: * Net of deposits (\$1.61m) and \$.07m escrows. Policy minimum cash balance set at \$11 million.

** Staff estimates prior to formal budget preparation. Includes increased 2010/2011 pension costs.

**Village of Winnetka
Capital Financing
(In Thousands of Dollars)**

12.23.09

	09/10 Estimated	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	Total
<u>Facilities Fund *</u>							
4/1 Beg. of Year Cash	2,620	2,395	115	117	119	121	5,487
Sources of Cash							
Interest Income	25	20	2	2	2	2	53
Transfer From General Fund		400					400
Revenues	25	420	2	2	2	2	453
Uses of Cash							
Village Hall - Design	250						250
Village Hall - Construction		2,700					2,700
Projected Expenditures	250	2,700	0	0	0	0	2,950
Net Source (Use) of Cash	(225)	(2,280)	2	2	2	2	

* This fund was established to pay for capital costs related to existing and potential Village owned facilities.

**Village of Winnetka
Capital Financing
(In Thousands of Dollars)**

12.23.09

	09/10 Estimated	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	Total
<u>Streetscape Fund</u>							
4/1 Beg. of Year Cash	2,867	3,483	753	68	69	70	7,310
Sources of Cash							
Interest Income	29	20	15	1	1	1	67
Transfer From General Fund @	825	0	1,800				2,625
Revenues	854	20	1,815	1	1	1	2,692
Uses of Cash							
Streetscape Design & Construction	238	2,750	2,500				5,488
Net Source (Use) of Cash	616	(2,730)	(685)	1	1	1	

@ Contributions from the General Fund were levelized over a three year period to fund phase 1 projects.
While the streetscape engineering is budgeted for 2010, final Council approval is required to proceed with implementation.

Village of Winnetka
Motor Fuel Tax, Refuse, and Sewer Capital Financing
(In Thousands of Dollars)

12.23.09

	09/10 Estimated	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	Total
<u>Motor Fuel Tax Fund</u>							
4/1 Beg of Year Cash Balance *	1,339	1,308	758	1,048	(371)	(418)	n/a
Sources of Cash							
Allotments	316	310	310	310	310	310	1,866
Interest	5	15	15	21	(7)	(8)	41
Cash Generated for Capital	321	325	325	331	303	302	1,907
Cash Used							
Transfer to General Fund	95	65	35	0	0	0	195
Construction **	257	810	0	1,750	350	700	3,867
	352	875	35	1,750	350	700	4,062
Net Source (Use) of Cash	(31)	(550)	290	(1,419)	(47)	(398)	n/a
<u>Refuse Fund</u>							
4/1 Beg of Year Cash Balance *	1,664	1,567	1,359	1,296	1,101	893	n/a
Sources of Cash							
Contribution from Operations	(84)	(198)	(198)	(198)	(198)	(198)	(1,074)
Depreciation	150	135	135	135	135	135	825
Cash Available for Capital	66	(63)	(63)	(63)	(63)	(63)	(249)
Cash Used for Capital Expenses	163	145	0	132	145	0	585
Net Source (Use) of Cash	(97)	(208)	(63)	(195)	(208)	(63)	n/a
<u>Sewer Fund</u>							
4/1 Beg of Year Cash Balance *	1,537	1,287	1,121	605	414	223	n/a
Sources of Cash							
Contribution from Operations	(215)	(111)	(111)	(111)	(111)	(111)	(770)
Depreciation	128	70	70	70	70	70	478
Cash Available for Capital	(87)	(41)	(41)	(41)	(41)	(41)	(292)
Cash Used for Capital Expenses	163	125	475	150	150	150	1,213
Net Source (Use) of Cash	(250)	(166)	(516)	(191)	(191)	(191)	n/a

* Is reduced for the 3/31/08 \$149,000 refuse and \$21,000 sewer compensated absence liability & AP items.

** 2012 MFT expenditure amount includes \$1.0m for the Willow Rd. jurisdictional transfer (Provident to Forestway).

*** 2012 Sewer Fund expenditures of \$500k includes \$300k for a sewer jet truck. 2011 - 2015 assumes 5% rate increase / yr.

**Village of Winnetka
Schedule of Projects
(In Thousands of Dollars)**

12.23.09

Dept. / Prog.	Description	Proj. #	Budget 09/10	Estm. 09/10	***-----Projected-----***							Total (Est. - 15)
					2010 2011	2011 2012	2012 2013	2013 2014	2014 2015			

General Fund

Italics if Project Over \$250,000

		<u>A</u>										
100	Contingency / Transfers	1	\$ 250		\$ 1,000	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 2,000	
104	Public Safety Building Bonds (maturity 10/1/14)	2	\$ 336	\$ 336	\$ 340	\$ 335	\$ 335	\$ 335	\$ 335	\$ 335	\$ 2,016	
Administration Total			\$ 586	\$ 336	\$ 1,340	\$ 585	\$ 585	\$ 585	\$ 585	\$ 585	\$ 4,016	

Police

		<u>B</u>										
121	Communications System Periodic Upgrade	1				\$ 60					\$ 60	
121	Radio System (combined dispatch)	2			\$ 250						\$ 250	
129	Public Safety Building Roof	3			\$ 75						\$ 75	
Police Department Total			\$ -	\$ -	\$ 325	\$ -	\$ 60	\$ -	\$ -	\$ -	\$ 385	

Fire

		<u>F</u>										
133	Replace 1990 75' Ladder Truck	1		\$ 207	\$ 500						\$ 707	
133	Replace Command Vehicle (2001)	2				\$ 60						
134	Replace 2000 Road Rescue	3						\$ 400			\$ 400	
Fire Department Total			\$ -	\$ 207	\$ 500	\$ 60	\$ -	\$ 400	\$ -	\$ -	\$ 1,167	

Public Works Drainage

		<u>P</u>										
140	SW Winn. Drainage Phase I (Hill Rd. Relief Swr) - Eng.	1	\$ 200	\$ 65	\$ 400						\$ 465	
140	SW Winn. Drainage Phase I (Hill Rd. Relief Swr) - Cnst.	2				\$ 3,100					\$ 3,100	
140	North & East Winnetka Study	3			\$ 160						\$ 160	
140	SW Winn. Drainage Phase II (Duke Child Det.) - Eng	4				\$ 500					\$ 500	
140	SW Winn. Drainage Phase II (Duke Child Det.) - Cnst.	5					\$ 4,000				\$ 4,000	
140	Elm Street Cross-Connection Repair	6					\$ 150				\$ 150	
140	Sheridan Road Drainage Improvements	7					\$ 50	\$ 500				
140	Willow Rd. Storm Sewer Outfall Replacement	8						\$ 300			\$ 300	
140	Oak Street Storm Sewer Replacement (W. of Glendale)	9						\$ 150			\$ 150	
140	Elm St. Storm Sewer Outfall Replacement	10								\$ 250	\$ 250	
P.W. Drainage Sub-total			\$ 200	\$ 65	\$ 560	\$ 3,600	\$ 4,200	\$ 950	\$ 250	\$ 250	\$ 9,075	

**Village of Winnetka
Schedule of Projects
(In Thousands of Dollars)**

Dept. / Prog.	Description	Proj. #	Budget 09/10	Estm. 09/10	***-----Projected-----***							Total (Est. - 15)
					2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015		
General Fund					<i>Italics if Project Over \$250,000</i>							
<u>P.W. Equipment</u>		<u>P</u>										
138	1997 2.5 Ton Roll-off (PW-15)	11	\$ -	\$ 152								\$ 152
138	Replace 3 Plows, Refurbish 3 Dump Bodies (PW-19, 20, 22)	12	\$ 65	\$ 43								\$ 43
138	Backhoe Replacement (PW-47, split 50% with sewer fund)	13	\$ 61	\$ 58								\$ 58
106	Computer Replacements	14			\$ 56							\$ 56
138	Replace 2000 2.5 Ton Dump (PW 19)	15					\$ 140					\$ 140
138	Replace 2000 2.5 Ton Dump (PW 20)	16						\$ 145				\$ 145
138	Replace 2000 2.5 Ton Dump (PW 22)	17							\$ 150			\$ 150
138	Replace 1/2 Ton Pickup/Sign Maintenance (PW-8)	18								\$ 43		\$ 43
P.W. Equipment Sub-Total			\$ 126	\$ 253	\$ 56	\$ -	\$ 140	\$ 145	\$ 193	\$ 787		
<u>Streets</u>		<u>P</u>										
139	Street & Alley Reconstruction/Rehabilitation	19	\$ 950	\$ 756	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100	\$ 1,100	\$ 1,100		\$ 6,006
Street Sub-Total			\$ 950	\$ 756	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100	\$ 1,100	\$ 1,100		\$ 6,006
<u>Public Facilities</u>		<u>P</u>										
142	Sidewalks - replacement & new	20	\$ 100	\$ 105	\$ 100	\$ 100	\$ 100	\$ 110	\$ 110	\$ 110		\$ 625
142	Elm St. Train Station - Village Contribution	21	\$ 175	\$ -	\$ -							\$ -
142	Hubbard Woods Train Station - Village Contribution	22								\$ 50		\$ 50
P.W. Public Facilities Sub-Total			\$ 275	\$ 105	\$ 100	\$ 100	\$ 100	\$ 110	\$ 160	\$ 675		
<u>Public Property</u>		<u>P</u>										
142	Cenotaph/Village Green Improvements	23	\$ 360	\$ 383								\$ 383
P.W. Public Property Sub-Total			\$ 360	\$ 383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 383
Total Public Works			\$ 1,911	\$ 1,562	\$ 1,716	\$ 4,700	\$ 5,490	\$ 2,305	\$ 1,703	\$ 16,926		
***** General Fund Total			\$ 2,497	\$ 2,105	\$ 3,881	\$ 5,345	\$ 6,135	\$ 3,290	\$ 2,288	\$ 22,494		

**Village of Winnetka
Schedule of Projects
(In Thousands of Dollars)**

12.23.09

Dept. / Prog.	Description	Proj. #	Budget 09/10	Estm. 09/10	***-----Projected-----***					Total (Est. - 15)
					2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	
Other Funds					<i>Italics if Project Over \$250,000</i>					
Refuse Fund										
Equipment					R					
508	Refuse Trucks (#28,29,31, 9 trucks in total)	1	\$ 145	\$ -	\$ 145		\$ 132	\$ 145		\$ 422
510	Leachate Migration Remediation - \$1.5m	2							**	\$ -
508	Replace 1996 5 ton roll-off (#25)	3		\$ 163						\$ 163
***** Refuse Fund Total			\$ 145	\$ 163	\$ 145	\$ -	\$ 132	\$ 145	\$ -	\$ 585
Motor Fuel Tax Fund					M					
902	Street Rehabilitation	1	\$ 200	\$ 152	\$ 200		\$ 200	\$ 200		\$ 752
902	Winnetka & Green Bay Traffic Signal	2	\$ 450	\$ 40	\$ 450					\$ 490
902	Tower Road Resurfacing (Fed. Stimulus - \$440,000)	3			\$ -					\$ -
902	Green Bay Rd. Resurfacing (State Stimulus - \$730,000)	4			\$ -					\$ -
902	Willow Road Phase I Engineering	5	\$ 60	\$ 65	\$ 35					\$ 100
902	Willow Road Phase II Engineering (Local Match)	6	\$ 125	\$ -	\$ 125					\$ 125
902	Hibbard & Elm Traffic Signal	7					\$ 150			
902	Elm, Oak / Linden, etc. -3 Traffic Signals	8							\$ 500	
902	Willow Road Construction (Local Match)	9					\$ 1,750			\$ 1,750
***** MFT Fund Total			\$ 835	\$ 257	\$ 810	\$ -	\$ 1,750	\$ 350	\$ 700	\$ 3,217
Sewer Fund					S					
Equipment										
	Replace Sewer Jet	1				325				\$ 325
	PW-47 Backhoe Replacement (50%, general fund)	2	\$ 61	\$ 58						\$ 58
	Trenchless Lining	3	\$ 125	\$ 105	\$ 125	\$ 150	\$ 150	\$ 150	\$ 150	\$ 830
***** Sewer Fund Total			\$ 186	\$ 163	\$ 125	\$ 475	\$ 150	\$ 150	\$ 150	\$ 1,213

Village of Winnetka
Electric and Water Fund Capital Financing
(In Thousands of Dollars)

12.23.09

Electric Fund	09/10 Estimated	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	Total
4/1 Beg. of Yr. Cash Balance **	4,150	3,401	2,537	2,200	2,700	1,718	n/a
Sources (Uses) of Cash							
Issuance of Debt or Interfund Loan	-	-	-		1,500	-	1,500
* Contribution from Operations	(674)	105	105	105	105	105	(149)
Interest Income	50	80	51	44	54	34	313
# Principal and Interest Expense	-	-	-	-	180	180	360
NTHS Improvements Revenue	-	458	1,306	-	-	-	1,764
## Revenue Increases	-	-	150	300	450	600	1,500
Depreciation	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Cash Generated	876	2,143	3,112	1,949	3,789	2,419	14,288
Less: Capital Projects	(1,625)	(3,007)	(3,449)	(1,449)	(4,771)	(1,656)	(15,957)
Net Annual Source (Use) of Cash	(749)	(864)	(337)	500	(982)	763	(1,669)
Water Fund							
4/1 Beg. of Yr. Cash Balance **	835	246	432	402	373	651	n/a
Sources (Uses) of Cash							
Issuance of Debt or Interfund Loan	-	900	200	500		(400)	1,200
* Contribution from Operations	(278)	141	200	260	320	380	1,023
Interest Income	10	20	9	8	7	13	67
# Principal and Interest Expense	-	108	132	192	192	144	768
## Revenue Increases	-	200	300	400	500	500	1,900
Depreciation	400	400	400	400	400	400	2,400
Cash Generated	132	1,769	1,241	1,760	1,419	1,037	7,358
Less: Capital Projects	(721)	(1,583)	(1,271)	(1,789)	(1,141)	(1,256)	(7,711)
Net Annual Source (Use) of Cash	(589)	186	(30)	(29)	278	(219)	(353)

* Based on net income history, includes interest income.

** Net of compensated absences (long-term liability) of \$333k and \$166k, for electric and water, respectively. Cash balances are net of account payable (\$471k electric and \$14k water). Electric borrows @ \$2.0m, Water at \$0.5 million.

Based on a 10 year interfund loan @ 3% interest (factor of 0.12) 0.12 <<< Principal and Interest Factor

Water - Assumes a 4% annual increase for inflation (\$100,000) and 4% increase per year for 5 years to phase in P&I costs.

Electric - Assumes a 1.0% annual increase in 2012, 2013, 2014, 2015 to pay for bond issuance. Inflationary increases are also possible.

Capital Plan (in thousands of dollars)

12.23.09

	#	Budget	Estm.	***-----Projected-----***					Total (Est. - 15)		
		2009 2010	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015			
Electric Fund											
E											
<u>Transportation</u>											
Yards		Replace Line Truck #66 (1993)	1	\$ 146	\$ 146					\$ 146	
Yards		67% of 64 Service Truck (2000)	2				\$ 90			\$ 90	
Yards		50% of 60 Dump Truck (1995)	3			\$ 41				\$ 41	
Yards		50% of 61 Dump Truck (1996)	4				\$ 28			\$ 28	
Yards		Replace Line Truck #81 (1976)	5			\$ 140				\$ 140	
Yards		50% of 62 Dump Truck (1997)	6					\$ 30		\$ 30	
Sub-Total				\$ 146	\$ 146	\$ -	\$ 181	\$ 118	\$ 30	\$ -	\$ 475
Electric Plant											
Plant		Fire Protection	7	\$ 60	\$ 60	\$ 60					\$ 120
Plant		Diesel Fuel Supply Improvements	8	\$ 600	\$ 104	\$ 300					\$ 404
Plant		Engineer Emission Controls	9			\$ 50	\$ 350				\$ 400
Sub-Total				\$ 660	\$ 164	\$ 410	\$ 350	\$ -	\$ -	\$ -	\$ 924
Substations											
Northfield Sub.		Capacitor Bank	10						\$ 200	\$ 200	
Northfield Sub.		New Transformer	11					\$ 2,600		\$ 2,600	
Northfield Sub.		New Switchgear	12					\$ 450		\$ 450	
Northfield Sub.		Future Substation Property	13	\$ 300	\$ 8	\$ 292				\$ 300	
Sub-Total				\$ 300	\$ 8	\$ 292	\$ -	\$ -	\$ 3,050	\$ 200	\$ 3,550
Distribution											
UG Conduits		Conduits ¹	14	\$ 159	\$ 157	\$ 275	\$ 379	\$ 172	\$ 189	\$ 208	\$ 1,380
UG Conductors		Underground Conductors ²	15	\$ 1,268	\$ 786	\$ 1,319	\$ 1,945	\$ 666	\$ 999	\$ 734	\$ 6,449
System Upgrades		New Construction Reinforcement ³	16	\$ 288	\$ 217	\$ 264	\$ 356	\$ 288	\$ 288	\$ 288	\$ 1,701
Cable Devices		Cable Devices ⁴	17	\$ 240	\$ 147	\$ 447	\$ 238	\$ 205	\$ 215	\$ 226	\$ 1,478
Sub-Total				\$ 1,955	\$ 1,307	\$ 2,305	\$ 2,918	\$ 1,331	\$ 1,691	\$ 1,456	\$ 11,008
		Electric Capital		\$ 3,061	\$ 1,625	\$ 3,007	\$ 3,449	\$ 1,449	\$ 4,771	\$ 1,656	\$ 15,957

Capital Plan (in thousands of dollars)

12.23.09

Electric Fund

#	Budget	Estm.	***-----Projected-----***					Total (Est. - 15)
	2009 2010	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	

⁽¹⁾ Conduits Detail

Normal - Infrastructure	\$ 142	\$ 156	\$ 172	\$ 189	\$ 208
NTHS Addition	\$ 133	\$ 223			
	\$ 275	\$ 379	\$ 172	\$ 189	\$ 208

⁽²⁾ Underground Conductors Detail

Normal - Infrastructure	\$ 604	\$ 634	\$ 666	\$ 699	\$ 734
Line 30 - (Glencoe to Hibbard) Phase 1	\$ 325				
Line 30 - (Hibbard to Plant) Phase 2		\$ 341			
Tie 5-2 (S. Load Center to Plant Load Center)	\$ 315				
NTHS Addition	\$ 75	\$ 970			
Circuit A				\$ 300	
	\$ 1,319	\$ 1,945	\$ 666	\$ 999	\$ 734

⁽³⁾ New Construction Reinforcement Detail

Normal - Infrastructure	\$ 205	\$ 256	\$ 288	\$ 288	\$ 288
NTHS On Property	\$ 59	\$ 100			
	\$ 264	\$ 356	\$ 288	\$ 288	\$ 288

⁽⁴⁾ Cable Devices Detail

Normal - Infrastructure	\$ 186	\$ 195	\$ 205	\$ 215	\$ 226
Tie 5-2	\$ 40				
Tie 30	\$ 30	\$ 30			
NTHS Addition	\$ 191	\$ 13			
	\$ 447	\$ 238	\$ 205	\$ 215	\$ 226
Total NTHS Costs, memo only	\$ 458	\$ 1,306	\$ -	\$ -	\$ -

Capital Plan (in thousands of dollars)

12.23.09		Project #	Budget 09/10	Estm. 09/10	***-----Projected-----***					Total (Est. - 15)
Water Fund					2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	
W										
<u>Transportation</u>										
Yards	Replace 65 Boom Truck (1991)	1	\$ 187	\$ 187					\$ 187	
Yards	Replace 50% of 60 Dump Truck (1995)	2			\$ 41				\$ 41	
Yards	Replace 50% of 61 Dump Truck (1996)	3				\$ 28			\$ 28	
Yards	Replace 50% of 62 Dump Truck (1997)	4					\$ 30		\$ 30	
Yards	Replace 33% of 64 Service Truck (2000)	5				\$ 41			\$ 41	
Sub-Total			\$ 187	\$ 187	\$ -	\$ 41	\$ 69	\$ 30	\$ -	\$ 327
<u>Pumping and Equipment</u>										
Plant	Motor Control Center	6					\$ 480		\$ 480	
Plant	Place Stone on Exposed Intake Pipe	7	\$ 71	\$ 75		\$ 80	\$ 80		\$ 235	
Plant	Replace Screen House Valves	8				\$ 100			\$ 100	
Plant	Repl. #4 High Lift Pump	9			\$ 528				\$ 528	
Sub-Total			\$ 71	\$ 75	\$ 528	\$ 180	\$ -	\$ 560	\$ -	\$ 1,343
<u>Filtration</u>										
Plant	Pipe Gallery Dehumidification	10	\$ 152	\$ 152					\$ 152	
Plant	Replace SCADA	11				\$ 250			\$ 250	
Plant	Control System Upgrade	12				\$ 100			\$ 100	
Plant	Rapid Mix System	13	\$ 162	\$ 162					\$ 162	
Plant	Install Effluent Pipe in Clearwell #3	14	\$ 305	\$ 25	\$ 305				\$ 330	
Plant	Replace Sections of Pipe Gallery	15			\$ 75				\$ 75	
Plant	Replace Pipe Manifold	16				\$ 300			\$ 300	
Plant	Replace Pratt Control Valves	17			\$ 175				\$ 175	
Plant	Chlorination System Changes	18					\$ 600		\$ 600	
Plant	Concrete Repairs Clearwell #1	19				\$ 300			\$ 300	
Plant	Concrete Repairs Clearwell #2	20					\$ 300		\$ 300	
Plant	Concrete Repairs Clearwell #3	21				\$ 300			\$ 300	
Plant	Replace filter media 5-8	22				\$ 420			\$ 420	
Plant	Replace flocculators	23					\$ 68	\$ 342	\$ 410	
Plant	Install backwash/filter to waste tank	24					\$ 83	\$ 414	\$ 497	
Plant	Concrete Repairs	25	\$ 90	\$ 20					\$ 20	
Sub-Total			\$ 709	\$ 359	\$ 555	\$ 950	\$ 1,320	\$ 451	\$ 756	\$ 4,391

Capital Plan (in thousands of dollars)

12.23.09

Project #	Budget 09/10	Estm. 09/10	***-----Projected-----***					Total (Est. - 15)
			2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	

Water Fund

Water Fund - Projects Continued

Distribution

Yards	Lead Service Replacements	26	\$ 80	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Yards	10" Winnetka - Wilson to Church	27	\$ 500		\$ 350						\$ 350
Yards	Extend Trapp Lane Watermain	28			\$ 50						
Yards	Replace water main - Auburn	29				\$ 300					\$ 300
Yards	Replace water main - Indian Hill Rd.	30							\$ 400		\$ 400
1030	Sub-Total		\$ 580	\$ 100	\$ 500	\$ 100	\$ 400	\$ 100	\$ 500		\$ 1,650
	Water Department Total		\$ 1,547	\$ 721	\$ 1,583	\$ 1,271	\$ 1,789	\$ 1,141	\$ 1,256		\$ 7,711

Explanation of Capital Projects by Department and Project Number 12.21.09

Administration

A - 1	Contingency – Annual budget for unforeseeable items, projects initiated by the Council that are not budgeted, etc. Spending out of this account requires the Village Manager’s authorization. The 2010 amount provides for several possible events including financing a combined police dispatch center and / or financing a loan for a new Village Manager to obtain housing. Because the contingency is rarely spent, these amounts are EXCLUDED from the cash-flow analysis and expenditure totals in the capital plan.
A - 2	Public Safety Building (Alternate Revenue) Bonds – Principal and interest payments on the Public Safety Building Bonds. Annually sales tax dollars and transferred from the General Fund to the Debt Service fund to pay this expense allowing the tax levy for this bond issue to be abated each year.

Police

B - 1	Communications System Periodic Upgrade – Vehicle mobile radios are current. Anticipate replacement in 2012/2013.
B - 2	Radio System Upgrade (Combined Dispatch - Funds anticipate the Village’s share of initial capital costs associated with building remodeling, equipment and technology for an anticipated combined dispatch center.
B – 3	Police Building Roof - This project renovates the police department portion of the PSB roof. Several leaks have occurred in recent years requiring repair and affecting operations. Planned renovation anticipates an environmentally friendly roof with greater reflectivity and lower building cooling costs. No cosmetic changes to the building are necessary.

Fire

F - 1	Replace 1990 75’ Ladder Truck - scheduled replacement. The chassis (\$207,000) was paid for in the 2009 / 2010 budget. The remaining \$500,000 in the 2010 / 2011 budget reflects the balance of the \$675,000 truck cost and \$32,000 of set up items to make the truck fully functional (pc terminals, tools, equipment, equipment mounting charges, striping, etc.).
F – 2	Replace 2001 Chevy command vehicle.
F – 3	Replace ambulance – existing unit is 2000 Ford/Road Rescue.

Public Works

P-1	Southwest Winnetka Drainage Improvements Phase I – This project consists of design engineering to implement improvements identified as Phase I in the Christopher Burke 2009 Drainage Study, including a relief storm sewer along Hill Road, and pump station improvements.
P-2	Southwest Winnetka Drainage Improvements Phase I – This project consists of constructing improvements, including a relief storm sewer along Hill Road, and pump station improvements.
P-3	North/East Winnetka Drainage Study – This project consists of expanding the 2009 Christopher Burke Drainage Study to the remaining areas of the Village.
P-4	Southwest Winnetka Drainage Improvements Phase II – This project consists of design engineering to implement improvements identified as Phase II in the Christopher Burke 2009 Drainage Study, including Pine Street and Spruce Street sewer improvements, a detention facility in Duke Child Field, and a relief storm sewer along Willow Road to the Skokie River.
P-5	Southwest Winnetka Drainage Improvements Phase II – This project consists of constructing improvements, including Pine Street and Spruce Street sewer improvements, a detention facility in Duke Child Field, and a relief storm sewer along Willow Road to the Skokie River.
P-6	Elm Street Cross Connection Repair – This project eliminates a discharge connection of the Elm Street storm sewer to the MWRD.
P-7	Sheridan Road Drainage Improvements – This project improves the ravines area of Sheridan Road which can become impassable in heavy rains.
P-8	Willow Road Storm Sewer Outfall – This project provides for rehabilitation of the existing deteriorated storm water outfall at the lake end of the Willow Road right-of-way.
P-9	Oak Street Storm Sewer Replacement – This project replaces a deteriorating storm sewer on Oak Street west of Glendale Avenue.
P-10	Elm Street Storm Sewer Outfall – This project provides for rehabilitation of the existing deteriorated storm water outfall at the lake end of the Elm Street right-of-way.
P-11	Replace 1991 2 ½ Ton Hook-Lift Truck – Replace 1 front-line dump/snow-plowing truck with a hook-lift/shuttle system (interchangeable cargo boxes).
P-12	Replace 3 Plows and Refurbish Bodies - replace 3 snow plows and refurbish the bodies of three truck to extend their useful life. The bodies are exposed to salt and are in need of repair.
P-13	Replace 2001 Backhoe – Replace 1 front-line combination loader/backhoe used for street and sewer repairs, and snow removal (shared with 50% Sewer Fund)

Public Works Continued

P-14	Computer Replacements – Upgrade and modernize 13 computer workstations.
P-15	Replace 2000 2 ½ Dump Truck – Replace 1 front-line dump/snow-plowing truck.
P-16	Replace 2000 2 ½ Dump Truck – Replace 1 front-line dump/snow-plowing truck.
P-17	Replace 2000 2 ½ Dump Truck – Replace 1 front-line dump/snow-plowing truck.
P-18	Replace 2001 ½ ton pickup – Replace ½ ton pickup truck used for street/sign maintenance and snow removal.
P-19	Street/Alley Rehabilitation/Reconstruction – Rehabilitation of various streets and alleys whose pavement surfaces are distressed, but which require minimal or minor structural and curb repairs. Reconstruction of various Village streets requiring new curb and gutter or structural pavement replacement.
P-20	Sidewalk Replacement Program – This program provides for replacement of deteriorated and/or dangerous sidewalks throughout the Village, and construction of new sidewalk sections to fill existing gaps in the Village’s sidewalk network.
P-21	Elm Street Station Improvements – Village contribution towards Metra-funded improvements to station interior, platforms, stairways, and pedestrian bridge.
P-22	Hubbard Woods Station Improvements – Village contribution towards Metra-funded improvements to station interior, platforms, stairways and pedestrian bridge.
P-23	Cenotaph/Village Green Improvements – Restoration and rededication of Cenotaph. Donations of \$68,000 were received to offset a portion of this cost.

Motor Fuel Tax

M-1	Street Rehabilitation - This project uses motor fuel tax funds to repair streets whose pavement surfaces are distressed, but which require minimal or minor structural and curb repairs. Most of the roadway rehabilitation and reconstruction costs are in the general fund.
M-2	Winnetka & Green Bay Traffic Signal. - Upgrade/modernize existing traffic signal at Winnetka and Green Bay.
M-3	Tower Road Resurfacing – This project consists of the Federally-funded resurfacing of Tower Road from Hibbard Road to Sheridan Road. There is no Village cost for this project.
M-4	Green Bay Road Resurfacing – The Village has received State funding to resurface portions of Green Bay Road in Winnetka. There is no Village match for this project.
M-5	Willow Road Phase I Engineering – Consists of preliminary engineering for Federally-funded reconstruction of Willow Road west of Provident.
M-6	Willow Road Phase II Engineering – This project provides for the Village’s share of the federally funded design engineering for reconstruction/jurisdictional transfer of Willow Road west of Provident.
M-7	Hibbard & Elm Traffic Signal. - Upgrade/modernize existing traffic signal at Hibbard and Elm.
M-8	3 Traffic Signals – Upgrade/Modernize traffic signals at Elm/Green Bay, Linden/Oak/Green Bay, and Oak (east)/Green Bay.
M-9	Willow Road Construction – Village’s share of Federally funded reconstruction and jurisdictional transfer of Willow Road west of Provident. IDOT Project.

Facilities Fund

	Village Hall – The Council is evaluating plans to rehabilitate the Village Hall exterior and interior, including mechanical upgrades such as ventilation.
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Streetscape Fund

	Streetscape – The Council is evaluating streetscape improvements to the business districts. The first phase of this work is estimated to cost about \$5.5 million.
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Electric

E-1	Replace #66 bucket truck (1993)
E-2	Pay 2/3 of replacement #64 service truck (2000) w/Water
E-3	Pay 1/2 of replacement #60, 1 ton dump truck (1995) w/Water
E-4	Pay 1/2 of replacement #61, 1 ton dump truck (1996) w/Water
E-5	Replace #81 bucket truck (1976)
E-6	Pay 1/2 of replacement #62, 1 ton dump truck (1997) w/Water
E-7	Fire protection measures at Electric Plant.
E-8	Installation of diesel fuel tank at Electric Plant.
E-9	Engineer emission controls for diesel engines at the electric plant. 2011/2012 reflects installation.
E-10	Installation of substation 12.5 kV capacitor bank at Northfield for voltage support.
E-11	New 138 kV to 12.5 kV 18/30 MVA Substation Transformer at Northfield Substation
E-12	New switchgear to distribute power from Northfield Substation
E-13	Purchase of future substation site
E-14	Purchase and install conduits (mostly by contractor)
E-15	Purchase and install underground conductors
E-16	Purchase and install transformers for new construction
E-17	Purchase and install cable splice materials and switching devices

Water Fund

W-1	Replacement #65 boom truck (1991)
W-2	Pay 1/2 of replacement #60 dump truck (1995), w/Electric
W-3	Pay 1/2 of replacement #61, 1 ton dump truck (1996), w/Electric
W-4	Pay 1/2 of replacement #62, 1 ton dump truck (1997), w/Electric
W-5	Pay 1/3 of replacement #64 service truck (2000), w/Electric
W-6	Install motor control center for high lift pump and flocculators
W-7	Place stone on exposed intake pipe
W-8	Replace two gate valves in screen house wells
W-9	Replace #4 High Lift Pump w/ 2 pumps, each with 1/2 of the capacity, to improve operational flexibility
W-10	Install dehumidification system in pipe gallery
W-11	Replace supervisory control and data system (SCADA)
W-12	Upgrade existing process controls for filters
W-13	Install rapid mix chemical system in mixing basins
W-14	Install filter effluent pipe to clearwell #3
W-15	Replace sections of pipe gallery
W-16	Replace pipe manifold in to eliminate hydraulic problem
W-17	Replace Pratt control valves
W-18	Install chlorine scrubbers or liquid chlorine system
W-19	Concrete repairs to clearwell #1
W-20	Concrete repairs to clearwell #2
W-21	Concrete repairs to clearwell #3
W-22	Replace filter media in filters 5-8
W-23	Replace existing flocculators with hydrofoil mixing blade flocculators
W-24	Install tank for backwash/filter waste water
W-25	Concrete repairs on the settling basins & filters
W-26	Replacement of lead water services
W-27	Install 10" on Winnetka, Wilson to Church (1,100')
W-28	Extend Trapp Lane water main.
W-29	Replace 600' of water main on Auburn
W-30	Replace 1,300' of water main on Indian Hill Road

Sewer Fund

S-1	Replace Sewer Jet – Provides for replacement of the existing sewer jet.
S-2	Replace 2001 Backhoe – Replace Backhoe used for excavation and repairs to storm and sanitary sewer systems (Split 50/50 with General Fund)
S-3	Sewer Lining – Trenchless repair method by which a flexible liner is placed in a deteriorated reach of sewer and then cured, forming a “pipe within a pipe”. Locations vary throughout Village.

Refuse Fund

R-1	Replace Refuse Trucks – This project consists of periodic replacement of the Village’s fleet of refuse trucks. Better maintenance and purchasing higher quality trucks is allowing for some purchase deferrals.
R-2	Leachate Migration Remediation – The closed landfill contains leachate, which is quite simply groundwater that has been in contact with buried refuse and has become contaminated. The possibility exists that some of this leachate is migrating outward from the landfill into the surrounding Forest Preserve. The Village is actively examining this issue via its network of groundwater monitoring wells. Should leachate migration be detected, the Village will need to initiate remedial action.
R-3	Replace 1996 5-ton Roll Off Truck – Replacement of tandem-axle roll-off/plow truck (PW-25).