

AGENDA  
VILLAGE OF ROUND LAKE  
REGULAR MEETING  
April 18, 2016  
442 N. Cedar Lake Road  
7:00 P.M.

CALL TO ORDER

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF MINUTES
  - 3.1 Approve the Public Hearing Meeting Minutes of April 4, 2016
  - 3.2 Approve the Minutes of the Regular Meeting of April 4, 2016
4. NOTES/COMMENDATIONS/PUBLIC COMMENT
  - 4.1 Public Comment
5. CONSENT AGENDA
  - 5.1 Approve Accounts Payable in the Amount of \$463,019.34
  - 5.2 Approve Payroll for the Period Ending April 3, 2016 in the Amount of \$130,105.94
  - 5.3 Adopt a Resolution for Fiscal Year End 2016 Audit Engagement Services with Sikich, LLP
  - 5.4 Adopt an Ordinance Making Certain Amendments to the Annual Budget Adopted for the Fiscal Year Commencing May 1, 2015 And Ending April 30, 2016
  - 5.5 Adopt a Resolution Ratifying the Purchase of a New Flygt Model NP-3127.095 10 HP Submersible Pump from Xylem Water Solutions USA, Inc. for the Arden Lift Station in an Amount not to Exceed \$7,874.40
  - 5.6 Adopt a Resolution Approving Robinson Engineering LTD to Complete Design and Bid Documents for Cleaning and Televising Sanitary Sewers in an Amount not to Exceed \$5,600.00
  - 5.7 Adopt a Resolution Authorizing the Village of Round Lake Police Department to Staff and Equip Three (3) Part-time Community Service Officer positions
  - 5.8 Adopt a Resolution Adopting The Village of Round Lake Capital Improvement Plan Fiscal Year End 2017 Through 2022

6. CLERK’S OFFICE

- 6.1 Misericordia will be at the Corners of Route 134 & Cedar Lake Road and Fairfield Road & Route 134 on April 29<sup>th</sup> and 30<sup>th</sup>
- 6.2 Memorial Day Parade

7. ADMINISTRATOR

- 7.1 Adopt an Ordinance Adopting the Annual Budget for the Village of Round Lake for the Fiscal Year Commencing May 1, 2016 and Ending April 30, 2017

8. FINANCE

9. POLICE

10. PUBLIC WORKS

11. COMMUNITY DEVELOPMENT

12. BUILDING AND ZONING

13. SPECIAL EVENTS

14. MAYOR’S COMMENTS

- 14.1 Reminder Business Owner’s Summit, April 27, 2016 at Noon
- 14.2 Reminder Home Owner’s Association Summit, April 27, 2016 at 6:00 p.m.
- 14.3 Appointment of Michael Bock to the Police Pension Board With a Term Ending April 30, 2018
- 14.4 Mayor’s Comments
- 14.5 Trustee’s Comments

15. EXECUTIVE SESSION

16. ADDITIONAL BUSINESS

17. ADJOURN

MINUTES  
VILLAGE OF ROUND LAKE  
PUBLIC HEARING  
April 4, 2016  
442 N. Cedar Lake Road  
6: 55 P. M.

CALL TO ORDER

THE PUBLIC HEARING OF THE VILLAGE OF ROUND LAKE WAS CALLED TO ORDER  
BY DANIEL MACGILLIS, VILLAGE PRESIDENT AT 6:55 P.M.

1.0 ROLL CALL

Present: Trustees Foy, Kraly, Newby, Triphahn,  
Absent: Trustees Frye, Rodriguez

PLEDGE OF ALLEGIANCE

Trustee Frye arrived at 6:56

2.0 PUBLIC HEARING

2.1 Public Hearing on the Proposed Annual Budget for the Village of Round Lake  
for the Fiscal Year Commencing May 1, 2016 and Ending April 30, 2017

Motion by Trustee Newby, seconded by Trustee Frye to open the Public  
Hearing on the Proposed Annual Budget for the Village of Round Lake for the  
Fiscal Year Commencing May 1, 2016 and Ending April 30, 2017

3.0 PUBLIC COMMENT

NONE

4.0 ADJOURN

Motion made by Trustee Kraly, Seconded by Trustee Triphahn to adjourn the  
Public Hearing Meeting. By a unanimous voice vote, the Mayor declared the  
motion carried

The Public Hearing Adjourned at 7:00pm

APPROVED:

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Patricia C. Blauvelt  
Village Clerk

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Daniel A. MacGillis  
Village President

MINUTES  
 VILLAGE OF ROUND LAKE  
 REGULAR MEETING  
 April 4, 2016  
 442 N. Cedar Lake Road  
 7:00 P.M.

CALL TO ORDER

THE REGULAR BOARD MEETING OF THE VILLAGE OF ROUND LAKE WAS CALLED TO ORDER BY DAN MACGILLIS, VILLAGE PRESIDENT AT 7:00 P.M.

1. ROLL CALL

Present: Trustees Foy, Frye, Kraly, Newby, Triphahn

Absent: Trustee Rodriguez

2. PLEDGE OF ALLEGIANCE

3. APPROVAL OF MINUTES

3.1 Approve the Minutes of the Regular Meeting of March 21, 2016

Motion by Trustee Foy, Seconded by Trustee Frye, to approve the Minutes of the Regular Meeting of March 21, 2016. Upon a unanimous voice vote, the Mayor declared the motion carried

4. NOTES/COMMENDATIONS/PUBLIC COMMENT

4.1 Public Comment

NONE

5. CONSENT AGENDA

Motion by Trustee Newby, Seconded by Trustee Triphahn , to do an Omnibus approval on items 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 & 5.9.

Upon the call of the roll, the following voted:

Ayes: Trustees Foy, Frye, Kraly, Newby, Triphahn

Nays: None

Abstain: None

Absent: Trustee Rodriguez

Mayor MacGillis Declared the Motion carried

5.1 Approve Accounts Payable in the Amount of \$323,477.70

Approved – Omnibus Vote

5.2 Approve Payroll for the Period Ending March 20, 2016 in the Amount of \$136,010.82

Approved – Omnibus Vote

- 5.3 Adopt a Resolution Approving a Bid from Patriot Pavement Maintenance in an Amount not to Exceed \$15,000.00 for the 2016 Crack Sealing Program Through the Lake County Municipal League

Approved – Omnibus Vote

- 5.4 Adopt a Resolution Approving a Bid from TKG Environmental Service Group LLC in an Amount not to Exceed \$17,400.00 for the 2016 Street Sweeping Program Through the Lake County Municipal League

Approved – Omnibus Vote

- 5.5 Adopt a Resolution Approving a Bid from Superior Road Striping, Inc. in an Amount not to Exceed \$17,500.00 for the 2016 Pavement Marking Program Through the Lake County Municipal League

Approved – Omnibus Vote

- 5.6 Adopt a Resolution Approving a Bid from Alpha Paintworks in an Amount not to Exceed \$20,000.00 for the 2016 Hydrant Sandblasting and Painting Program Through the Lake County Municipal League

Approved – Omnibus Vote

- 5.7 Adopt a Resolution Approving a Preliminary Design Engineering Services Work Order with Baxter & Woodman for a Second CLCJAWA Receiving Structure Report in an Amount not to Exceed \$25,900.00

Approved – Omnibus Vote

- 5.8 Adopt an Ordinance Amending the Village Code Relating to Water and Sewer Rates

Approved – Omnibus Vote

- 5.9 Accept February Treasurer’s Report as Presented

Approved – Omnibus Vote

6. CLERK’S OFFICE

7. ADMINISTRATOR

8. FINANCE

9. POLICE

10. PUBLIC WORKS

- 10.1 Adopt an Ordinance Authorizing the Public Works Department to Dispose of Village Owned Surplus Property Through Public Auction

Motion by Trustee Triphahn , Seconded by Trustee Foy to Adopt an Ordinance Authorizing the Public Works Department to Dispose of village Owned Surplus Property Through Public Auction

Upon the call of the roll, the following voted:

Ayes:	Trustees Foy, Frye, Kraly, Newby, Triphahn
Nays:	None
Abstain:	None
Absent:	Trustee Rodriguez

## 11. COMMUNITY DEVELOPMENT

## 12. BUILDING AND ZONING

### 12.1 Adopt an Ordinance Amending the Village Code Adding Two Special Use Categories to Zoning Classification I-1

Motion by Trustee Kraly, Seconded by Trustee Triphahn to Adopt an Ordinance Amending the Village Code Adding Two Special Use Categories to Zoning Classification I-1

Upon the call of the roll, the following voted:

Ayes:	Trustees Foy, Frye, Kraly, Newby, Triphahn
Nays:	None
Abstain:	None
Absent:	Trustee Rodriguez

### 12.2 Adopt an Ordinance Approving a Special Use to Allow the Operation of a Child Care Nursery at 217 W. Washington Street, Round Lake

Motion by Trustee Newby, Seconded by Trustee Frye to Adopt an Ordinance Approving a Special Use to Allow the Operation of a Child Care Nursery at 217 W. Washington Street, Round Lake

Upon the call of the roll, the following voted:

Ayes:	Trustees Foy, Frye, Kraly, Newby, Triphahn
Nays:	None
Abstain:	None
Absent:	Trustee Rodriguez

## 13. SPECIAL EVENTS

## 14. MAYOR'S COMMENTS

### 14.1 Business Owner's Summit, April 27, 2016 at Noon

The Mayor stated the next Business Owners Summit will take place on April 27<sup>th</sup> at noon at Lakes Bowl with a light lunch being served. He also mentioned that if available, Senator Melinda Bush might attend to give an update regarding the happenings in Springfield

### 14.2 Home Owner's Association Summit, April 27, 2016 at 6:00 p.m.

The next Home Owners Association Summit meeting will also take place on April 27<sup>th</sup> at 6pm at the Lakewood Grove Community Center.

14.3 Developing a Community Events Partnership Presentation

Jaycee and Omar Ochoa provided a presentation to the Board as a possible project for the land just south of the Village Hall. Mr. & Mrs. Ochoa have a long history in Marketing and Radio and have provided assistance to several communities and their events. They feel that they have the backing of sponsorships if the Village is prepared to move forward with their thoughts on the land. With the backing of sponsors, there shouldn't been any cost to the Village. They stated the project would be done in 3 phases – the first phase would take 1-3 years to complete and would include fencing, landscaping, sitting area and the preparing the ground and stairs for the stage (phase 1, 2 &3). The second phase would take 4-8 years and include walkways, water area, retaining walls, finalize landscaping, parking, lighting and a brick background for the stage. The third phase is the final element to the stage, which would include columns and the top design. The Board and Mayor had been enthusiastic about their proposed plan however the Mayor also stated that this is a long term project, and we are still negotiating with Lake County Division of transportation about a possible re-alignment of Cedar Lake Road, which might or might not affect this property. He stated that he will be diligently looking into this further.

14.4 Mayor's Comments

The Mayor stated that CMAP will have a follow up meeting in May and he would have more details then.

14.5 Trustee's Comments

Each of the Trustees thanked the Village Administrator for the work on the budget some saying it's the best that they have seen. Deputy Clerk Koenig, Officer Schmidt and VA Shields were thanked on for their help with the Chambers Expo this past weekend. The Police Department was thanked for their continuous efforts with the traffic issues at the High School stating the surrounding residents are pleased. A quick mention of how the Village Boards meetings are run was provided to the members of the audience. Each board member thanked Mr. & Mrs. Ochoa for their presentation

15. EXECUTIVE SESSION

NONE

16. ADDITIONAL BUSINESS

17. ADJOURN

Trustee Foy moved, seconded by Trustee Newby, to adjourn. Upon a unanimous voice vote, the Mayor declared the motion carried and the meeting adjourned at 7:28 P.M.

APPROVED:

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Patricia C. Blauvelt  
Village Clerk

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Daniel MacGillis  
Village President

**VILLAGE OF ROUND LAKE**

**THE PRESIDENT AND BOARD OF TRUSTEES OF**

**THE VILLAGE OF ROUND LAKE**

**APPROVES THE ACCOUNTS PAYABLE**

**IN THE AMOUNT OF \$463,019.34**

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**Daniel A. MacGillis, Village President**

**ATTEST:**

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**Patricia C. Blauvelt, Village Clerk**

**Date: April 18, 2016**

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-00-24-22500	RETIREE INSURANCE FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	4.70
			ACCOUNT TOTAL:			4.70
01-05-60-56010	STATE SEIZURES DIRECTOR, IL. STATE POLICE	I99	CONFISCATED FUNDS #2011-001273	182179	04/15/16	402.50
			ACCOUNT TOTAL:			402.50
01-20-71-67108	VISION INSURANCE FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	30.35
			ACCOUNT TOTAL:			30.35
01-20-71-67110	HEALTH INSURANCE UMB	U22	HSA CONTRIBUTIONS-MAY	182202	04/15/16	218.75
			ACCOUNT TOTAL:			218.75
01-20-74-77430	OFFICE SUPPLIES ILLINOIS PAPER COMPANY STAPLES ADVANTAGE	I6 S165	COPIER PAPER STAPLES,P-TOUCH TAPE,RED PAPER	182178 182196	04/15/16 04/15/16	284.90 87.82
			ACCOUNT TOTAL:			372.72
01-20-74-77440	PRINTING CLASSIC PRINTERY	C13	PRINTED BUSINESS LICENSE PAPR	182158	04/15/16	126.00
			ACCOUNT TOTAL:			126.00
01-20-75-77515	GARBAGE COLLECTION WASTE MANAGEMENT	W43	MARCH 2016 SERVICE	182209	04/15/16	80,341.90
			ACCOUNT TOTAL:			80,341.90
01-20-75-77537	LEGAL NOTICES/RECORDING FEES CHICAGO TRIBUNE MEDIA GROUP CHICAGO TRIBUNE MEDIA GROUP CHICAGO TRIBUNE MEDIA GROUP	C165 C165 C165	NOTICE-2017 PROPOSED BUDGET NOTICE-219 WASHINGTON DAY CARE NOTICE-RL PALLETS SPEC USE	182161 182161 182161	04/15/16 04/15/16 04/15/16	17.60 40.80 50.40
			ACCOUNT TOTAL:			108.80
01-20-77-77704	SPECIAL EVENTS					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-20-77-77704	SPECIAL EVENTS LAKE COUNTY	L46	MEMORIAL DAY PARADE PERMIT	182146	04/08/16	50.00
			ACCOUNT TOTAL:			50.00
01-20-77-77706	MISCELLANEOUS EXPENSE PATRICIA BLAUVELT EVERYTHING FLORAL 2	B56 E51	RECOGNITION G/C-P.MARQUARDT DISH GARDEN-GILLETTE	182155 182169	04/15/16 04/15/16	75.00 97.34
			ACCOUNT TOTAL:			172.34
01-20-79-77903	B&G CONTRACTS ARAMARK UNIFORM ARAMARK UNIFORM ARAMARK UNIFORM ARAMARK UNIFORM ARAMARK UNIFORM ARAMARK UNIFORM CLEAN NET ORKIN EXTERMINATING	A119 A119 A119 A119 A119 A119 C110 O5	VH MAT SERVICE 03-29-16 VH SUPPLIES 03-29-16 VH SERVICE CHARGE 03-29-16 VH MAT SERVICE 04-12-16 VH SERVICE CHARGE 04-12-16 VH SUPPLIES 04-12-16 APRIL CUSTODIAL 03/22/16-QTRLY PEST CONTROL	182151 182151 182151 182151 182151 182151 182156 182192	04/15/16 04/15/16 04/15/16 04/15/16 04/15/16 04/15/16 04/15/16 04/15/16	43.98 90.23 13.29 43.98 4.37 0.13 467.64 153.51
			ACCOUNT TOTAL:			817.13
01-20-79-77905	B&G REPAIRS DUANE BLANTON	D131	ATTEMPT TO POWER ROD ANNEX	182166	04/15/16	229.00
			ACCOUNT TOTAL:			229.00
01-20-80-88018	OFFICE EQUIPMENT KONICA MINOLTA PREMIER FINANCE	K56	MARCH/APRIL LEASE PAYMENT	182181	04/15/16	522.75
			ACCOUNT TOTAL:			522.75
01-20-82-88202	TELEPHONE SERVICE CALL ONE	C139	MARCH PHONE SERVICE	182159	04/15/16	644.39
			ACCOUNT TOTAL:			644.39
01-20-82-88204	CELLULAR SERVICE VERIZON WIRELESS VERIZON WIRELESS VERIZON WIRELESS	V10 V10 V10	MARCH TABLET SERVICE-VB MARCH CELL SERVICE MARCH TABLET SERVICE-STAFF	182205 182205 182205	04/15/16 04/15/16 04/15/16	193.00 241.02 52.20
			ACCOUNT TOTAL:			486.22
01-40-71-67108	VISION INSURANCE					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-40-71-67108	VISION INSURANCE FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	239.35
			ACCOUNT TOTAL:			239.35
01-40-71-67110	HEALTH INSURANCE UMB	U22	HSA CONTRIBUTIONS-MAY	182202	04/15/16	1,458.30
			ACCOUNT TOTAL:			1,458.30
01-40-72-67202	UNIFORMS					
	GALLS, AN ARAMARK COMPANY	G2	CUSTOM VEST-ZDANOWSKI	182175	04/15/16	675.00
	GALLS, AN ARAMARK COMPANY	G2	PISTOL BELT MOUNT-AKEY	182175	04/15/16	27.39
	GALLS, AN ARAMARK COMPANY	G2	FLASHLIGHT AND HOLDER-FAYTA	182175	04/15/16	33.12
	GALLS, AN ARAMARK COMPANY	G2	FLASHLIGHT AND HOLDER-BOTTERMA	182175	04/15/16	33.23
	GALLS, AN ARAMARK COMPANY	G2	FLASHLIGHT AND HOLDER-COOPER	182175	04/15/16	33.12
	GALLS, AN ARAMARK COMPANY	G2	GLOVES/LED FLASHLIGHT-N CHENEY	182175	04/15/16	71.80
	GALLS, AN ARAMARK COMPANY	G2	BELT CLIP, SPRAY, EAR PROTECTORS	182175	04/15/16	270.18
	GALLS, AN ARAMARK COMPANY	G2	WATERPROOF BOOTS-KAPUSINSK	182175	04/15/16	115.00
	GALLS, AN ARAMARK COMPANY	G2	GUN MTED LIGHT, PANTS-ROBINSON	182175	04/15/16	188.27
	GALLS, AN ARAMARK COMPANY	G2	ELEC. EARMUFF, DBL MAG-HERNANDE	182175	04/15/16	117.70
	GALLS, AN ARAMARK COMPANY	G2	BADGE-FAYTA	182175	04/15/16	50.70
	GALLS, AN ARAMARK COMPANY	G2	BADGE-COOPER	182175	04/15/16	50.70
	GALLS, AN ARAMARK COMPANY	G2	BADGE-BOTTERMAN	182175	04/15/16	50.88
	GALLS, AN ARAMARK COMPANY	G2	BOOTS, POLYTAC LED-MAGEE	182175	04/15/16	129.14
	GALLS, AN ARAMARK COMPANY	G2	SPEED PLATE-ZDANOWSKI	182175	04/15/16	90.61
	J.G. UNIFORMS, INC.	J4	CUSTOM MOLLE VEST COVER-MURPHY	182180	04/15/16	210.06
	RAY O'HERRON CO., INC.	O21	STREETGEAR, PDU PANTS-HERNANDEZ	182191	04/15/16	174.25
	RAY O'HERRON CO., INC.	O21	UNIFORM/ACCESSORIES-FAYTA	182191	04/15/16	710.65
	RAY O'HERRON CO., INC.	O21	UNIFORM/ACCESSORIES-BOTTERMAN	182191	04/15/16	955.59
	RAY O'HERRON CO., INC.	O21	UNIFORM/ACCESSORIES-COOPER	182191	04/15/16	792.62
	RAY O'HERRON CO., INC.	O21	CUFF CASE, HOLSTER, MAG CARRIER	182191	04/15/16	152.98
	TASER INTERNATIONAL, INC	T169	HOLSTER-FAYTA, BOTTERMAN	182200	04/15/16	122.55
			ACCOUNT TOTAL:			5,055.54
01-40-72-67208	MEETINGS, TRAVEL, & TRAINING QUILL CORPORATION	Q2	FTO TRAINING MANUAL BINDERS	182194	04/15/16	38.93
	UNIVERSITY OF ILLINOIS	U8	MFI RECERTIFICATION-D CHENEY	182204	04/15/16	100.00
			ACCOUNT TOTAL:			138.93
01-40-74-77402	AMMO / GUNS					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-40-74-77402	AMMO / GUNS DAVID M. CHENEY	C112	2X4's, SCREWS, STAPLES, OSX BOARD	182157	04/15/16	102.01
			ACCOUNT TOTAL:			102.01
01-40-74-77434	OPERATING SUPPLIES					
	EVIDENT	E33	EVIDENCE BAGS, HINGE LIFTERS	182168	04/15/16	329.17
	EVIDENT	E33	HINGE LIFTERS	182168	04/15/16	342.17
	GALLS, AN ARAMARK COMPANY	G2	DYNA MED EXAM GLOVES	182175	04/15/16	143.00
	GALLS, AN ARAMARK COMPANY	G2	REAGENT NARCO POUCH-AKEY	182175	04/15/16	26.30
	ULINE	U18	EVIDENCE ROOM SUPPLIES	182201	04/15/16	363.60
			ACCOUNT TOTAL:			1,204.24
01-40-74-77440	PRINTING					
	CLASSIC PRINTERY	C13	VICTIM WITNESS NOTIFICATION	182158	04/15/16	245.00
	P.F. PETTIBONE & CO.	P1	WARNING TICKETS/RACIAL PROFILE	182193	04/15/16	392.40
			ACCOUNT TOTAL:			637.40
01-40-75-77501	ALERTS / MDT LINES					
	VERIZON WIRELESS	V10	02/26-03/25/2016 BROADBAND	182205	04/15/16	609.92
			ACCOUNT TOTAL:			609.92
01-40-75-77505	CENCOM					
	CENCOM E 9-1-1	C3	APRIL OPERATIONS AND RENT	182163	04/15/16	21,634.82
			ACCOUNT TOTAL:			21,634.82
01-40-75-77531	NIPAS EMERGENCY SERV.					
	NORTHERN ILLINOIS POLICE	N12	2016/17 MEMBERSHIP ASSESSMENT	182189	04/15/16	400.00
	NORTHERN ILLINOIS POLICE	N12	2016/17 ANNUAL TEAM ASSESSMENT	182189	04/15/16	4,800.00
	NORTHERN ILLINOIS POLICE	N12	2016/17 FIELD FORCE ASSESSMENT	182189	04/15/16	875.00
	NORTHERN ILLINOIS POLICE	N12	2016/17 COMM ASSESSMENT-MURPHY	182189	04/15/16	130.00
			ACCOUNT TOTAL:			6,205.00
01-40-77-77706	MISCELLANEOUS EXPENSE					
	A TIRE COUNTY SERVICE	A1	SEIZED VEHICLE TOWING-Z166233	182150	04/15/16	205.00
	A TIRE COUNTY SERVICE	A1	SEIZED VEHICLE TOWING-N818403	182150	04/15/16	205.00
	A TIRE COUNTY SERVICE	A1	SEIZED VEHICLE TOWING-45906W	182150	04/15/16	270.00
			ACCOUNT TOTAL:			680.00
01-40-77-77720	COMMUNITY EDUCATION					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-40-77-77720	COMMUNITY EDUCATION TROY AKEY	A67	SUPPLIES FOR NEMERT CLASS	182153	04/15/16	23.95
			ACCOUNT TOTAL:			23.95
01-40-79-77903	B&G CONTRACTS CLEAN NET	C110	APRIL CUSTODIAL	182156	04/15/16	485.50
			ACCOUNT TOTAL:			485.50
01-40-79-77907	B&G SUPPLIES QUILL CORPORATION	Q2	SOFPULL,C-FOLD TOWELS	182194	04/15/16	242.94
			ACCOUNT TOTAL:			242.94
01-40-80-88018	OFFICE EQUIPMENT KONICA MINOLTA PREMIER FINANCE	K56	MARCH/APRIL LEASE PAYMENT	182181	04/15/16	522.75
			ACCOUNT TOTAL:			522.75
01-40-82-88202	TELEPHONE SERVICE CALL ONE COMCAST CABLE	C139 C156	MARCH PHONE SERVICE 03/29-04/28/2016 INTERNET	182159 182160	04/15/16 04/15/16	164.70 74.93
			ACCOUNT TOTAL:			239.63
01-40-82-88204	CELLULAR SERVICE VERIZON WIRELESS VERIZON WIRELESS	V10 V10	MARCH CELL SERVICE MARCH TABLET SERVICE-STAFF	182205 182205	04/15/16 04/15/16	514.88 34.00
			ACCOUNT TOTAL:			548.88
01-40-84-88402	GAS & OIL BP DAVID M. CHENEY	B43 C112	MARCH GAS/OIL USAGE FUEL REIMBURSEMENT-TRAINING	182154 182157	04/15/16 04/15/16	3,104.85 16.00
			ACCOUNT TOTAL:			3,120.85
01-40-84-88404	VEHICLE REPAIRS A TIRE COUNTY SERVICE A TIRE COUNTY SERVICE GERBER ROUND LAKE	A1 A1 G14	BRAKE ROTORS AND PADS #41 TIRES #40 REPAIR ACCIDENT DAMAGE #42	182150 182150 182145	04/15/16 04/15/16 04/08/16	358.90 690.70 743.54
			ACCOUNT TOTAL:			1,793.14
01-40-84-88406	VEHICLE MAINTENANCE					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-40-84-88406	VEHICLE MAINTENANCE					
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #41	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #31	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #49	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #45	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #44	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL CHANGE/TIRE ROTATION #47	182150	04/15/16	47.95
	A TIRE COUNTY SERVICE	A1	OIL/FILTER/CHASSIS LUBE #40	182150	04/15/16	31.95
	ACE HARDWARE	A4	TAPE, GLASS SCRAPER, FASTENERS	182152	04/15/16	31.52
			ACCOUNT TOTAL:			351.17
01-40-91-99107	IT MAINTENANCE SERVICES					
	VILLAGE OF LAKE ZURICH	V40	RMS CONSORTIUM CONSULTING	182207	04/15/16	705.20
	VILLAGE OF LAKE ZURICH	V40	RMS CONSORTIUM LEASE-YEAR 1	182207	04/15/16	26,258.40
			ACCOUNT TOTAL:			26,963.60
01-60-71-67108	VISION INSURANCE					
	FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	39.02
			ACCOUNT TOTAL:			39.02
01-60-71-67110	HEALTH INSURANCE					
	UMB	U22	HSA CONTRIBUTIONS-MAY	182202	04/15/16	364.57
			ACCOUNT TOTAL:			364.57
01-60-74-77418	ICE CONTROL					
	COMPASS MINERALS AMERICA	C186	ROAD SALT-CLOSEOUT DELIVERY	182162	04/15/16	30,624.62
	INDUSTRIAL SYSTEMS LTD	I58	4500 GALLONS-LIQUID ICE MELT	182177	04/15/16	4,770.00
			ACCOUNT TOTAL:			35,394.62
01-60-74-77452	STREET SIGNS					
	TRAFFIC CONTROL & PROTECTION	T14	15 HIP GREEN COVERED BLANK B/S	182199	04/15/16	337.10
	TRAFFIC CONTROL & PROTECTION	T14	15 ALUMINUM BLANK-RETURNED	182199	04/15/16	-149.25
			ACCOUNT TOTAL:			187.85
01-60-79-77901	B&G MAINTENANCE					
	GRAINGER, INC.	G9	COMPRESSED AIR-OIL DISPENSER	182176	04/15/16	50.15
	GRAINGER, INC.	G9	TRANSFER STATION MOUNTING BASE	182176	04/15/16	4.95

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-60-79-77901	B&G MAINTENANCE					
	GRAINGER, INC.	G9	WING PLOW SHOVEL HOLDER PARTS	182176	04/15/16	7.98
	GRAINGER, INC.	G9	TRFR STATION PUMP/TANK CNTRLS	182176	04/15/16	93.49
	GRAINGER, INC.	G9	TRANSFER STATION CNTRL SWITCH	182176	04/15/16	49.75
	LURVEY LANDSCAPE SUPPLY	L86	RESTORATION DIRT-PLOW DAMAGE	182183	04/15/16	45.80
	STEINER ELECTRIC COMPANY	S63	BULBS-PW OFFICES	182197	04/15/16	32.85
			ACCOUNT TOTAL:			284.97
01-60-79-77903	B&G CONTRACTS					
	ARAMARK UNIFORM	A119	PW MAT SERVICE 03-29-16	182151	04/15/16	6.34
	ARAMARK UNIFORM	A119	PW SUPPLIES 03-29-16	182151	04/15/16	34.72
	ARAMARK UNIFORM	A119	PW SERVICE CHARGE 03-29-16	182151	04/15/16	4.11
	CLEAN NET	C110	APRIL CUSTODIAL	182156	04/15/16	242.75
	TOVAR SNOW PROFESSIONALS	T129	03-01-2016 SNOW/ICE CONTROL	182198	04/15/16	2,970.00
	USIC LOCATING SERVICES, LLC	U35	LOCATES	182203	04/15/16	3,998.50
			ACCOUNT TOTAL:			7,256.42
01-60-79-77907	B & G BUILDING SUPPLIES					
	FISCHER BROS. FRESH CONCRETE	F6	TKT 097533-ASPHALT STORAGE BLK	182171	04/15/16	300.00
	FISCHER BROS. FRESH CONCRETE	F6	TKT 097534-ASPHALT STORAGE BLK	182171	04/15/16	300.00
	FISCHER BROS. FRESH CONCRETE	F6	TKT 097535-ASPHALT STORAGE BLK	182171	04/15/16	350.00
	FISCHER BROS. FRESH CONCRETE	F6	TKT 097537-ASPHALT STORAGE BLK	182171	04/15/16	300.00
	GRAINGER, INC.	G9	TRANSFER STATION ENCLOSURE	182176	04/15/16	72.58
	GRAINGER, INC.	G9	TRANSFER STATION PARTS-BOLTS	182176	04/15/16	7.54
	MENARDS FOX LAKE	M7	BOOT DRYER-PW SHOP	182186	04/15/16	8.50
			ACCOUNT TOTAL:			1,338.62
01-60-82-88202	TELEPHONE SERVICE					
	CALL ONE	C139	MARCH PHONE SERVICE	182159	04/15/16	194.90
	COMCAST CABLE	C156	03/29-04/28/2016 INTERNET	182160	04/15/16	37.46
			ACCOUNT TOTAL:			232.36
01-60-82-88204	CELLULAR SERVICE					
	VERIZON WIRELESS	V10	MARCH CELL SERVICE	182205	04/15/16	163.07
	VERIZON WIRELESS	V10	MARCH TABLET SERVICE-STAFF	182205	04/15/16	26.10
			ACCOUNT TOTAL:			189.17
01-60-82-88216	STREET LIGHTS - ELECTRICAL					

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-60-82-88216	STREET LIGHTS - ELECTRICAL					
	COMED	C500	03/02-03/31/2016 ELECTRIC	182165	04/15/16	7.67
	COMED	C500	03/02-03/31/2016 ELECTRIC	182165	04/15/16	7.67
			ACCOUNT TOTAL:			15.34
01-60-84-88402	GAS & OIL					
	BP	B43	MARCH GAS/OIL USAGE	182154	04/15/16	365.72
			ACCOUNT TOTAL:			365.72
01-60-84-88404	VEHICLE REPAIRS					
	MENARDS FOX LAKE	M7	FLOOR MATS #41	182186	04/15/16	8.99
			ACCOUNT TOTAL:			8.99
01-60-84-88405	EQUIPMENT REPAIRS					
	A TIRE COUNTY SERVICE	A1	FLAT TIRE REPAIR-'99 BOBCAT	182150	04/15/16	8.75
	MENARDS FOX LAKE	M7	HYDRO GUN PARTS #57	182186	04/15/16	8.99
	WEST SIDE EXCHANGE	W50	HYDRAULIC REPAIR-DEERE 410D	182147	04/08/16	613.75
			ACCOUNT TOTAL:			631.49
01-60-84-88406	VEHICLE MAINTENANCE					
	A TIRE COUNTY SERVICE	A1	DIESEL OIL/FILTER/LUBE #58	182150	04/15/16	47.91
	A TIRE COUNTY SERVICE	A1	OIL/FILTER/CHASSIS LUBE #53	182150	04/15/16	32.08
	WEST SIDE EXCHANGE	W50	GREASE FOR TRACTORS	182147	04/08/16	25.56
			ACCOUNT TOTAL:			105.55
01-60-92-99210	STREET LIGHT REPAIRS					
	STEINER ELECTRIC COMPANY	S63	STREET LIGHT REPAIR PARTS	182197	04/15/16	670.22
			ACCOUNT TOTAL:			670.22
01-70-71-67108	VISION INSURANCE					
	FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	23.16
			ACCOUNT TOTAL:			23.16
01-70-73-77321	PLUMBING INSPECTOR					
	VPI, INC.	V14	JANUARY PLUMBING INSPECTIONS	182206	04/15/16	450.00
	VPI, INC.	V14	FEBRUARY PLUMBING INSPECTIONS	182206	04/15/16	180.00

GENERAL FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-70-73-77321	PLUMBING INSPECTOR VPI, INC.	V14	MARCH PLUMBING INSPECTIONS	182206	04/15/16	600.00
			ACCOUNT TOTAL:			1,230.00
01-70-74-77430	OFFICE SUPPLIES STAPLES ADVANTAGE	S165	CAD BOND ROLLS 36 X 300	182196	04/15/16	63.19
	STAPLES ADVANTAGE	S165	CAD BOND ROLLS 24 X 300	182196	04/15/16	47.19
			ACCOUNT TOTAL:			110.38
01-70-82-88202	TELEPHONE SERVICE CALL ONE	C139	MARCH PHONE SERVICE	182159	04/15/16	29.86
			ACCOUNT TOTAL:			29.86
01-70-82-88204	CELLULAR SERVICE VERIZON WIRELESS	V10	MARCH CELL SERVICE	182205	04/15/16	95.77
			ACCOUNT TOTAL:			95.77
01-70-84-88402	GAS & OIL BP	B43	MARCH GAS/OIL USAGE	182154	04/15/16	188.15
			ACCOUNT TOTAL:			188.15
			GENERAL FUND			205,547.70

CAPITAL PROJECTS FUND  
ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
35-20-88-88801	OTHER ENHANCEMENTS SAWVELL TREE SERVICE, INC	S120	PARKWAY TREE/STUMP REMOVAL-325	182195	04/15/16	35,750.00
						-----
						ACCOUNT TOTAL: 35,750.00
						-----
						CAPITAL PROJECTS FUND 35,750.00
						=====

WATER/SEWER FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
50-00-24-22498	W/S CREDIT BALANCES					
	ERICK KAHN	K97	REFUND FINAL BILL OVERPAYMENT	182182	04/15/16	100.00
	VICTORIYA RAZINA	VR1	REFUND FINAL BILL OVERPAYMENT	182208	04/15/16	71.86
			ACCOUNT TOTAL:			171.86
50-60-71-67108	VISION INSURANCE					
	FIDELITY SECURITY LIFE-EYE MED	F97	VISION INSURANCE-APR	182172	04/15/16	50.08
			ACCOUNT TOTAL:			50.08
50-60-71-67110	HEALTH INSURANCE					
	UMB	U22	HSA CONTRIBUTIONS-MAY	182202	04/15/16	437.49
			ACCOUNT TOTAL:			437.49
50-60-75-77535	OUTSOURCING WATER BILLS					
	THE DIRECT RESPONSE RESOURCE	D22	BILL STOCK AND ENVELOPES	182167	04/15/16	3,256.50
			ACCOUNT TOTAL:			3,256.50
50-60-75-77547	WATER SAMPLES					
	MCHENRY ANALYTICAL WATER	M97	#16C2216-301 N CEDAR LAKE RD	182188	04/15/16	80.00
			ACCOUNT TOTAL:			80.00
50-60-79-77901	B&G MAINTENANCE					
	GRAINGER, INC.	G9	COMPRESSED AIR-OIL DISPENSER	182176	04/15/16	50.15
	STEINER ELECTRIC COMPANY	S63	BULBS-PW OFFICES	182197	04/15/16	32.85
			ACCOUNT TOTAL:			83.00
50-60-79-77903	B&G CONTRACTS					
	ARAMARK UNIFORM	A119	PW MAT SERVICE 03-29-16	182151	04/15/16	6.34
	ARAMARK UNIFORM	A119	PW SUPPLIES 03-29-16	182151	04/15/16	34.72
	ARAMARK UNIFORM	A119	PW SERVICE CHARGE 03-29-16	182151	04/15/16	4.10
	CLEAN NET	C110	APRIL CUSTODIAL	182156	04/15/16	242.75
	USIC LOCATING SERVICES, LLC	U35	LOCATES	182203	04/15/16	3,998.50
			ACCOUNT TOTAL:			4,286.41
50-60-79-77907	B&G SUPPLIES					

WATER/SEWER FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
50-60-79-77907	B&G SUPPLIES MENARDS FOX LAKE	M7	BOOT DRYER-PW SHOP	182186	04/15/16	8.49
			ACCOUNT TOTAL:			8.49
50-60-82-88202	TELEPHONE SERVICE CALL ONE COMCAST CABLE	C139 C156	MARCH PHONE SERVICE 03/29-04/28/2016 INTERNET	182159 182160	04/15/16 04/15/16	194.90 37.46
			ACCOUNT TOTAL:			232.36
50-60-82-88204	CELLULAR SERVICE VERIZON WIRELESS VERIZON WIRELESS	V10 V10	MARCH CELL SERVICE MARCH TABLET SERVICE-STAFF	182205 182205	04/15/16 04/15/16	163.07 26.10
			ACCOUNT TOTAL:			189.17
50-60-82-88206	ELECTRICAL SERVICE COMED MIDAMERICAN ENERGY COMPANY	C500 M95	02/24-03/25/2016 ELECTRIC MARCH ELECTRIC	182165 182187	04/15/16 04/15/16	169.51 3,386.63
			ACCOUNT TOTAL:			3,556.14
50-60-82-88208	HEATING NICOR GAS NICOR GAS	N7 N7	03/08-04/06/2016 HEAT 03/07-04/04/2016 HEAT	182190 182190	04/15/16 04/15/16	58.06 28.67
			ACCOUNT TOTAL:			86.73
50-60-82-88210	JAWA EXPENSE CENTRAL LAKE COUNTY	C5	MARCH WATER USAGE	182164	04/15/16	84,133.24
			ACCOUNT TOTAL:			84,133.24
50-60-82-88212	LAKE COUNTY SEWER LAKE COUNTY PUBLIC WORKS DEPT	L9	MARCH SEWER FEES	182184	04/15/16	114,174.66
			ACCOUNT TOTAL:			114,174.66
50-60-82-88214	EXCESS FACILITY CHARGES LAKE COUNTY PUBLIC WORKS	L9B	MARCH EXCESS FACILITY FEES	182185	04/15/16	9,409.50
			ACCOUNT TOTAL:			9,409.50
50-60-84-88402	GAS & OIL					

WATER/SEWER FUND  
 ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
50-60-84-88402	GAS & OIL BP	B43	MARCH GAS/OIL USAGE	182154	04/15/16	365.72
			ACCOUNT TOTAL:			365.72
50-60-84-88404	VEHICLE REPAIRS MENARDS FOX LAKE	M7	FLOOR MATS #41	182186	04/15/16	8.98
			ACCOUNT TOTAL:			8.98
50-60-84-88405	EQUIPMENT REPAIRS A TIRE COUNTY SERVICE MENARDS FOX LAKE WEST SIDE EXCHANGE	A1 M7 W50	FLAT TIRE REPAIR-'99 BOBCAT HYDRO GUN PARTS #57 HYDRAULIC REPAIR-DEERE 410D	182150 182186 182147	04/15/16 04/15/16 04/08/16	8.75 8.99 613.75
			ACCOUNT TOTAL:			631.49
50-60-84-88406	VEHICLE MAINTENANCE A TIRE COUNTY SERVICE A TIRE COUNTY SERVICE WEST SIDE EXCHANGE	A1 A1 W50	DIESEL OIL/FILTER/LUBE #58 OIL/FILTER/CHASSIS LUBE #53 GREASE FOR TRACTORS	182150 182150 182147	04/15/16 04/15/16 04/08/16	47.91 32.07 25.56
			ACCOUNT TOTAL:			105.54
50-60-92-99204	REPAIR TO WATER LINES MENARDS FOX LAKE	M7	B-BOX REPAIR PRTS-530 KRISTINA	182186	04/15/16	135.18
			ACCOUNT TOTAL:			135.18
50-60-92-99208	REPAIRS TO LIFT STATIONS GRAINGER, INC.	G9	PLUG IN RELAY-CEDAR LAKE L/S	182176	04/15/16	69.10
			ACCOUNT TOTAL:			69.10
			WATER/SEWER FUND			221,471.64

BUILDERS ESCROW  
ACTIVITY FROM 04/02/2016 TO 04/15/2016

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
83-00-24-22455	PERMIT BONDS 1ST RESPONDERS 24/7 PROP REST.	F247	326 AVILON CT-BOND REFUND	182170	04/15/16	250.00
						-----
						ACCOUNT TOTAL: 250.00
						-----
						BUILDERS ESCROW 250.00
						=====

FINAL TOTALS  
ACTIVITY FROM 04/02/2016 TO 04/15/2016

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GENERAL FUND	205,547.70
CAPITAL PROJECTS FUND	35,750.00
WATER/SEWER FUND	221,471.64
BUILDERS ESCROW	250.00
	-----
GRAND TOTAL	463,019.34
	=====

**VILLAGE OF ROUND LAKE**

**THE PRESIDENT AND BOARD OF TRUSTEES OF**

**THE VILLAGE OF ROUND LAKE**

**APPROVES THE PAYMENT OF PAYROLL**

**FOR THE PERIOD ENDING APRIL 3, 2016**

**IN THE AMOUNT OF \$130,105.94**

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**Daniel A. MacGillis, Village President**

**ATTEST:**

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**Patricia C. Blauvelt, Village Clerk**

**Dated: April 18, 2016**

FOR CHECK DATES 04/07/2016 TO 04/07/2016

EMPL. #	NAME	EARNINGS			TAXES			DEDUCTIONS		PENSION/INSUR			
		CODE	PAY RATE	HOURS	TOTAL	CODE	EMPLOYEE	EMPLOYER	CODE	EMPLOYEE	EMPLOYEE	EMPLOYER	
GRAND TOTALS:		REG	3,367.500		106,111.18	FED	13,896.77		DD1	70,889.38	IMR	2,027.03	4,626.13
		CA	1.000		115.39	FICA	7,813.33	7,813.33	DD2	6,535.27	DFA	10.59	
		GWA	1.000		42.24	MEDIC	1,827.36	1,827.36	GW	670.00	HFA	120.65	
		VAC	445.364		13,238.26	STATE	4,254.32		GWA	42.24	VFA	1.38	
		SIC	60.250		1,957.95				HSA	235.00	DCA	5.18	
		CMP	38.250		1,235.99				DD3	3,136.02	PCA	83.72	
		OT	4.750		186.78				ICM	2,081.20	VCA	0.70	
		OC	16.000		397.65				IMV	407.17	DAS	2.96	
		FLH	24.000		864.06				UOE	429.40	PAS	87.12	
		PO	65.500		3,408.51				PLI	145.34	DSA	4.69	
		OIC	5.000		180.68				AF1	84.57	VAS	0.48	
		SRO	1.000		60.00				AF2	267.40	DSW	4.69	
		WC	1.500		54.20				MAP	391.00	HSW	62.26	
		FTO	16.000		529.08				CS4	203.00	VSW	0.67	
		PSI	1.000		75.00						DFW	42.36	
		POI	2.000		120.00						PFW	343.32	
		INS	1.000		268.02						VEW	5.52	
		FU	24.000		1,260.95						PCW	83.72	
											DWS	4.44	
											VWS	0.72	
											IM2	238.59	544.51
											HWS	20.41	
											HFV	120.65	
											PWS	29.04	
											MFW	140.40	
											DSP	14.07	
											PSP	88.58	
											VSP	1.34	
											POL	7,328.79	
											EPF	15.18	
											PPS	232.32	
											TFP	84.72	
											DPS	13.32	
											VPS	2.16	
											IFP	361.95	
											RFP	514.98	
											ISP	62.26	
											EIP	0.24	
											RIP	29.04	
											DFP	21.18	
											MFP	280.80	
											DCP	10.36	
											PCP	83.72	
											VCP	1.40	
											PPF	343.32	

FOR CHECK DATES 04/07/2016 TO 04/07/2016

EMPL. #	NAME	EARNINGS			TAXES		DEDUCTIONS		PENSION/INSUR		
		CODE	PAY RATE	HOURS	TOTAL	CODE	EMPLOYEE	EMPLOYER	CODE	EMPLOYEE	EMPLOYER
									ECP	0.70	
									RCP	83.72	
									TCP	5.18	
									MPS	47.50	
									HPS	40.82	
									ESP	0.67	
									TSP	4.69	
									DBS	2.96	
									PBS	58.08	
									VBS	0.48	
									DFB	10.59	
									PFB	171.66	
									VFB	1.38	
TOTAL FICA EMPLOYEE WAGES:					126,021.33	TOTAL EMPLOYER FICA:		7,813.33			
TOTAL MEDICARE EMPLOYEE WAGES:					126,021.33	TOTAL EMPLOYER MEDICARE:		1,827.36			
TOTAL FEDERAL EMPLOYEE WAGES:					113,633.48	TOTAL EMPLOYER PENSION:		5,170.64			
TOTAL STATE EMPLOYEE WAGES:					113,633.48						
TOTAL PENSION EMPLOYEE WAGES:					124,300.53						
TOTAL NUMBER OF EMPLOYEES:					51						
GROSS PAY:		\$130,105.94	TOTAL DEDUCTIONS:		126,668.22	NET PAY:		\$3,437.72			

FOR CHECK DATES 04/07/2016 TO 04/07/2016

EMPL. #	NAME	EARNINGS			TAXES			DEDUCTIONS		PENSION/INSUR			
		CODE	PAY RATE	HOURS	TOTAL	CODE	EMPLOYEE	EMPLOYER	CODE	EMPLOYEE	EMPLOYER	EMPLOYER	
GRAND TOTALS:		REG	373.250		12,247.93	FED	1,666.60		DD1	6,386.92	IMR	614.65	1,402.75
		CA	1.000		115.39	FICA	861.40	861.40	DD2	780.60	DFA	10.59	
		GWA	1.000		42.24	MEDIC	201.46	201.46	GW	250.00	HFA	120.65	
		VAC	58.000		1,862.38	STATE	453.74		GWA	42.24	VFA	1.38	
		SIC	0.750		18.07				HSA	75.00	DCA	5.18	
									DD3	443.74	PCA	83.72	
									ICM	385.00	VCA	0.70	
									IMV	339.31	DAS	2.96	
											PAS	87.12	
											DSA	4.69	
											VAS	0.48	
		TOTAL FICA EMPLOYEE WAGES:			13,893.54	TOTAL EMPLOYER FICA:		861.40					
		TOTAL MEDICARE EMPLOYEE WAGES:			13,893.54	TOTAL EMPLOYER MEDICARE:		201.46					
		TOTAL FEDERAL EMPLOYEE WAGES:			12,601.65	TOTAL EMPLOYER PENSION:		1,402.75					
		TOTAL STATE EMPLOYEE WAGES:			12,601.65								
		TOTAL PENSION EMPLOYEE WAGES:			13,658.79								
		TOTAL NUMBER OF EMPLOYEES:			6								
GROSS PAY:		\$14,286.01	TOTAL DEDUCTIONS:		12,818.13	NET PAY:		\$1,467.88					

FOR CHECK DATES 04/07/2016 TO 04/07/2016

EMPL. #	NAME	EARNINGS				TAXES			DEDUCTIONS		PENSION/INSUR		
		CODE	PAY RATE	HOURS	TOTAL	CODE	EMPLOYEE	EMPLOYER	CODE	EMPLOYEE	EMPLOYEE	EMPLOYER	
GRAND TOTALS:		REG	215.000		6,031.69	FED	900.46		DD1	4,513.76	IMR	304.02	693.84
		VAC	25.000		724.36	FICA	401.92	401.92	AF1	28.25	DBS	2.96	
						MEDIC	94.00	94.00	PLI	39.93	PBS	58.08	
						STATE	228.56				VBS	0.48	
											DFB	10.59	
											PFB	171.66	
											VFB	1.38	
						TOTAL FICA EMPLOYEE WAGES:	6,482.65	TOTAL EMPLOYER FICA:		401.92			
						TOTAL MEDICARE EMPLOYEE WAGES:	6,482.65	TOTAL EMPLOYER MEDICARE:		94.00			
						TOTAL FEDERAL EMPLOYEE WAGES:	6,178.63	TOTAL EMPLOYER PENSION:		693.84			
						TOTAL STATE EMPLOYEE WAGES:	6,178.63						
						TOTAL PENSION EMPLOYEE WAGES:	6,756.05						
						TOTAL NUMBER OF EMPLOYEES:	3						
		GROSS PAY:	\$6,756.05			TOTAL DEDUCTIONS:	6,756.05		NET PAY:	\$0.00			







VILLAGE OF ROUND LAKE  
**AGENDA ITEM SUMMARY**

**TITLE: FISCAL YEAR END 2016 AUDIT ENGAGEMENT LETTER      Agenda Item No. 5.3**

*Executive Summary:*

At the May 5, 2014 Village Board meeting an audit proposal by Sikich, LLP to be retained by the Village to perform audit services for five fiscal years ending 2018 was approved.

The 2015 fiscal year end audit was performed in a satisfactory manner. Attached is an engagement letter for the fiscal year end 2016 audit. The fee in the attached engagement letter of \$24,401 for the village audit and \$2,652 for the single audit, if required, was verified to the original proposal.

The engagement letter essentially confirms the auditors understanding of the services they will provide to the village and by signing the letter the village sets forth our understanding. Staff has reviewed the engagement letter and it accurately summarizes our understanding of the terms of the audit engagement.

*Recommended Action:*

Adopt a Resolution for 2016 Audit Engagement Services with Sikich, LLP.

<b>Committee:</b> Human Resources & Finance		<b>Meeting Date:</b> April 4, 2016 & April 18, 2016		
<b>Lead Department:</b> Finance		<b>Presenter:</b> Wayde Frerichs, Director of Finance		
<b>Item Budgeted:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>  <b>Note:</b> Budget figures to the right represent the 2017 Budget.	<b>Account No(s):</b>	<b>Budget:</b>	<b>Actual Request:</b>	
	xx-xx-73-77301	Auditing Expense		
	General Fund	\$23,022.00	\$16,908.00	
	Water/Sewer	\$6,674.00	\$5,636.00	
	Police Pension	\$1,875.00	\$1,857.00	
		<b>Total:</b>	\$31,571.00	\$24,401.00
	Request is over/under budget:			
	Under		\$7,170.00	
	Over	-		

**Resolution No. 16-R-XX**

**Resolution for 2016 Audit Engagement Services**

**WHEREAS**, per the Governmental Account Audit Act, 50 ILCS 310/2 the governing body of each governmental unit shall cause an audit of the accounts of the unit to be made by a licensed public accountant; and

**WHEREAS**, such audit shall be made annually and shall cover the immediately preceding fiscal year of the governmental unit; and

**WHEREAS**, on May 5, 2014 the Village Board approved an audit proposal by Sikich LLP to be retained by the Village to perform audit services for five fiscal years ending 2018; and

**WHEREAS**, on an annual basis an audit engagement letter for the fiscal year end to be audited confirms the auditors understanding of the services they will provide to the Village and the letter accurately summarizes the Village's understanding of the terms of the audit engagement.

**NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ROUND LAKE, LAKE COUNTY, ILLINOIS, as follows:**

The Village Board approves the audit engagement letter with Sikich LLP for the fiscal year end 2016 audit and authorizes the Mayor, or his designee, to sign the engagement letter.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

AYES:

NAYS:

ABSENT:



630.566.8400 // [www.sikich.com](http://www.sikich.com)

1415 W. Diehl Road, Suite 400  
Naperville, Illinois 60563

**Certified Public Accountants & Advisors**  
*Members of American Institute of Certified Public Accountants*

March 25, 2016

Mr. Wayde Frerichs  
Director of Finance  
Village of Round Lake  
442 N. Cedar Lake Road  
Round Lake, Illinois 60073

Dear Wayde:

We are pleased to confirm our understanding of the services we are to provide the Village of Round Lake (the Village) for the year ended April 30, 2016. We will audit the modified cash basis financial statements of the governmental activities, the business-type activities, each major fund and the aggregate remaining fund information, including the related notes to the financial statements, which collectively comprise the basic financial statements of the Village as of and for the year ended April 30, 2016.

Accounting standards generally accepted in the United States of America provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement the Village's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the Village's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by generally accepted accounting principles and will be subjected to certain limited procedures, but will not be audited:

1. Management's Discussion and Analysis.
2. Schedule of Revenues Collected, Expenditures Paid and Changes in Fund Balance - Budget and Actual, for the General Fund and any major special revenue funds.
3. Schedule of Changes in the Employer's Net Pension Liability and Related Ratios for the Illinois Municipal Retirement Fund and Police Pension Fund.

4. Schedule of Employer Contributions for the Illinois Municipal Retirement Fund, Police Pension Fund, and Other Postemployment Benefit Plan.
5. Schedule of Funding Progress for the Other Postemployment Benefit Plan.
6. Schedule of Investment Returns for the Police Pension Funds.
7. Notes to Required Supplementary Information.

We have also been engaged to report on supplementary information other than RSI that accompanies the Village's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves and other additional procedures in accordance with auditing standards generally accepted in the United States of America and we will provide an opinion on it in relation to the financial statements as a whole in a report combined with our auditor's report on the financial statements:

1. Combining and individual fund financial statements

The following other information accompanying the financial statements will not be subjected to the auditing procedures applied in our audit of the financial statements and our auditor's report will not provide an opinion or any assurance on that other information.

1. Other Supplemental Information

#### **Audit Objective**

The objective of our audit is the expression of opinions as to whether your financial statements are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles on the cash and modified cash basis and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole.

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America and will include tests of accounting records and other procedures we consider necessary to enable us to express such opinions and to render the required report. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions on the financial statements are other than unmodified, we will discuss the reasons with you in advance.

If circumstances occur related to the condition of your records, the availability of sufficient, appropriate audit evidence, or the existence of a significant risk of material misstatement of the financial statements caused by error, fraudulent financial reporting, or misappropriation of assets, which in our professional judgment prevent us from completing the audit or forming an opinion on the financial statements, we retain the right to take any course of action permitted by professional standards, including declining to express an opinion or issue a report, or withdrawing from the engagement.

### **Audit Procedures - General**

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable rather than absolute assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements or noncompliance may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors or any fraudulent financial reporting or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts and may include tests of the physical existence of inventories and direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors and financial institutions. We will request written representations from your attorneys as part of the engagement and they may bill you for responding to this inquiry. At the conclusion of our audit, we will require certain written representations from you about the financial statements and related matters.

### **Audit Procedures - Internal Control**

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing and extent of further audit procedures. An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. However, during the audit, we will communicate to management and those charged with governance internal control matters that are required to be communicated under AICPA professional standards.

### **Audit Procedures - Compliance**

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the Village's compliance with provisions of applicable laws, regulations, contracts and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion.

### **Other Services**

We will also assist in preparing the financial statements and related notes of the Village in conformity with U.S. generally accepted accounting principles based on information provided by you.

Other nonattest services expected to be performed during our audit of the financial statements as of and for the year ended April 30, 2016 and other deliverables are as follows:

1. Prepare five (5) copies and one electronic copy (.pdf) of the annual financial report (AFR) of the Village (Management's Discussion and Analysis, other supplemental information and statistical section information to be provided by Village).
2. Prepare twelve (12) copies of the management letter.
3. Prepare two (2) copies and electronic filing of the Police Pension Funds' Annual Report to the Department of Insurance (interrogatories and census data completed by the Village).
4. Prepare six (6) copies and electronic filing of the Illinois Comptroller Annual Financial Report.

### **Management Responsibilities**

Management is responsible for establishing and maintaining effective internal controls, including monitoring ongoing activities; for the selection and application of accounting principles; and for the preparation and fair presentation of the financial statements in conformity with U.S. generally accepted accounting principles.

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, (2) additional information that we may request for the purpose of the audit, and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws and regulations.

You are also responsible for the preparation of the supplementary information, which we have been engaged to report on, in conformity with U.S. generally accepted accounting principles. You agree to include our report on the supplementary information in any document that contains and indicates that we have reported on the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon or make the audited financial statements readily available to users of the supplementary information no later than the date the supplementary information is issued with our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

With regard to the electronic dissemination of audited financial statements, including financial statements published electronically on your website, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

You agree to assume all management responsibilities relating to the financial statements and related notes and any other non-audit services we provide; oversee the nonattest services by designating an individual, preferably from senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

#### **Engagement Administration, Fees and Other**

In accordance with professional standards, any discussions during the period of the engagement between any individual representing your Village and a member of the Sikich engagement team regarding potential employment or association with the Village creates an impairment of independence for the Sikich employee and possibly the firm. Such a situation could require us to temporarily or permanently remove that person from your engagement or to perform additional procedures or re-perform procedures, which would increase our fees. Should we not become aware of the impairment until after the conclusion of the engagement, the firm's independence would be deemed to have been impaired. Please inform appropriate personnel in your Village to refrain from any such discussions with any Sikich staff while the engagement is ongoing and notify Dan Berg immediately if you or anyone else in your Village becomes aware that any such discussions may have occurred.

In the event that you desire to hire a member of the Sikich LLP staff within one year of the completion of this engagement, a recruiting fee will be assessed at 30% of the first year salary per hire and paid to Sikich LLP upon our notification of such hiring.

We may from time-to-time and depending on the circumstances, use third party service providers in serving your account. We may share confidential information about you with these service providers, but remain committed to maintaining the confidentiality and security of your

information. Accordingly, we maintain internal policies, procedures and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third party service provider. Furthermore, we will remain responsible for the work provided by any such third party service providers.

The assistance to be supplied by Village personnel is described in the workpaper request lists for preliminary (interim) and final fieldwork, which outline the specific schedules and information we are requesting for this engagement. The workpaper request lists will be discussed with and coordinated with Wayne Frerichs, Director of Finance. The timely and accurate completion of this work is an essential condition to our completion of the audit and issuance of our audit report. This engagement letter assumes that all records, documentation and information we requested in connection with our audit (and outlined in the workpaper request lists) are complete and available at the beginning of the respective phases of the engagement. It also assumes that key personnel are available to us during the duration of the audit. The accuracy of these assumptions will allow us to conduct our audit without any delays or inefficiencies for the fee noted in our engagement letter. If the assumptions are not accurate and you fail to provide the records, documentation, information and key personnel required, there may be additional fees to cover our cost for the delays and possible rescheduling of the engagement. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

We understand that your employees will prepare all cash, accounts receivable and other confirmations we request and will locate any documents selected by us for testing.

You may request that we perform additional services not contemplated by this engagement letter. If this occurs, we will communicate with you regarding the scope of the additional services and the estimated fees. We also may issue a separate engagement letter covering the additional services. In the absence of any other written communication from us documenting such additional services, our services will continue to be governed by the terms of this engagement letter. Notwithstanding the foregoing, this engagement letter will not include any services related to the Affordable Care Act or consideration of taxable fringe benefits including those impacted by Affordable Care Act; in all circumstances, services related to the Affordable Care Act and other taxable fringe benefit reporting will be the subject of a separate engagement letter and will be billable under a separate hourly rate structure than the services provided hereunder.

We will provide copies of our reports to the Village; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our report are to be made available for public inspection.

The audit documentation for this engagement is the property of Sikich LLP and constitutes confidential information. However, subject to applicable laws and regulations, audit and examination documentation and appropriate individuals will be made available upon request and in a timely manner to cognizant or oversight agency for audit or its designee. We will notify you of any such request. If requested, access to such audit documentation will be provided under the

supervision of Sikich LLP personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

As a result of our prior or future services to you, we might be requested or required to provide information or documents to you or a third party in a legal, administrative, regulatory inquiry (other than that mentioned in the previous paragraph) or arbitration or similar proceeding in which we are not a party. If this occurs, our efforts in complying with such requests will be deemed billable to you as a separate engagement. We shall be entitled to compensation for our time and reasonable reimbursement for our expenses (including legal fees) in complying with the request. For all requests we will observe the confidentiality requirements of our profession and will notify you promptly of the request.

The audit documentation for this engagement will be retained for a minimum of seven years after the report release date or for any additional period requested by the cognizant or oversight agency for audit or its designee. Sikich LLP does not keep any original client records so we will return those to you at the completion of the services rendered under this engagement. When records are returned to you, it is your responsibility to retain and protect your records for possible future use, including potential examination by any government or regulatory agencies.

Final reports will be issued upon your approval of the preliminary drafts. Our audit engagement ends on delivery of our audit report. Any follow-up services that might be required will be a separate, new engagement. The terms and conditions of that new engagement will be governed by a new, specific engagement letter for that service. Daniel A. Berg is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

Our fee for these services will not exceed \$21,748 for the Village, \$796 for the Comptroller's Annual Financial Report, \$1,857 for the Police Pension Department of Insurance Annual Financial Report, and \$2,652 for the single audit report, if required, which includes out-of-pocket costs such as report reproduction, postage, etc. In addition, we will have a one-time fee of \$1,000 to \$1,500 for the implementation of GASB Statement No. 68. Services will be invoiced to you from time to time as work progresses. Services will be invoiced to you from time-to-time as work progresses. In accordance with Illinois Compiled Statutes, payments for all services are due within sixty days of receipt of an invoice. Invoices not paid within sixty days are subject to finance charges of 1% per month (12% annually).

We reserve the right to suspend or terminate services for reasonable cause, such as failure to pay our invoices on a timely basis or failure to provide the information or cooperation necessary for successful performance of our services. Our engagement will be deemed to be completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for the time expended to that point and to reimburse us for all out-of-pocket expenditures through the date of termination.

You hereby agree to indemnify and hold harmless Sikich LLP and its partners, directors, employees, agents or subcontractors against all costs, expenses, losses, judgments, damages and liabilities (including reasonable attorneys' fees and expenses) associated with any third party claim,

threat or proceeding relating to the performance of any services by Sikich LLP under this engagement, other than as determined through mediation to have been caused by our own gross negligence or willful misconduct.

You agree that our maximum liability to you for any negligent errors or omissions committed by us in the performance of the engagement will be limited to the amount of fees we receive from you for this engagement, except to the extent determined to result from our gross negligence or willful misconduct. You agree that this limitation applies to any and all liability or cause of action against us, however alleged or arising, unless otherwise prohibited by law or professional standards. Additionally, our liability as auditors shall be limited to the period covered by our audit and shall not extend to later periods for which we are not engaged as auditors or prior periods before we were engaged as auditors. In no event will Sikich be liable to you or any third party, whether a claim be in tort, contract or otherwise, for any amount in excess of the total professional fees paid pursuant to this agreement to which the claim relates, or for any consequential, indirect, lost profit, punitive or similar damages relating to Sikich's services provided under this agreement.

If any dispute, controversy or claim arises in connection with the performance or breach of the agreement, either party may, on written notice to the other party, request that the matter be mediated. Such mediation will be conducted by a mediator appointed by and pursuant to the Mediation Rules of the American Arbitration Association. Both parties will exert their best efforts to discuss with each other in good faith their respective positions in an attempt to finally resolve such dispute or controversy.

Each party may disclose any facts to the other party or the mediator which it, in good faith, considers necessary to resolve the matter. All such discussions, however, will be for the purpose of assisting in settlement efforts and will not be admissible in any subsequent litigation against the disclosing party. Except as agreed by both parties, the mediator will keep confidential all information disclosed during negotiations.

The mediation proceedings will conclude within sixty days from receipt of the written notice unless extended or terminated sooner by mutual consent. Each party will be responsible for its own expenses. The fees and expenses of the mediator, if any, will be borne equally by the parties.

### **Acceptance**

You acknowledge having read this agreement in its entirety, have had full opportunity to consider its terms in consultation with your attorney, have had full and satisfactory explanation of the same and fully understand and agree to be bound by the terms of this agreement.

Please indicate your understanding and acceptance of this agreement and your intention to be legally bound by executing this agreement in the space provided below where indicated and return it to our offices, indicating your authorization for us to proceed on the above terms and conditions.

We appreciate the opportunity to be of service to you and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know.

Very truly yours,

*Daniel A. Berg*  
Daniel A. Berg (Mar 25, 2016)

By: Daniel A. Berg, CPA  
Partner  
On behalf of Sikich LLP

RESPONSE:

This letter correctly sets forth the understanding of the Village of Round Lake.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



VILLAGE OF ROUND LAKE  
**AGENDA ITEM SUMMARY**

**TITLE: 2016 BUDGET AMENDMENTS**

**Agenda Item No. 5.4**

*Executive Summary:*

On an annual basis, a review of actual expenses including the projection of such expenses through fiscal year end should be conducted to determine if any funds are estimated to be over the annual budget amount. As such, a review of the general ledger was done of all expense accounts. As of 3/29/16 the 2011 Debt Service Fund's and the Police Pension Fund's actual expenses will be over the budget amount. The 2011 Debt Service Fund's expenses are going to exceed the budget as a result of the Senior Citizen Utility Tax Rebate Program being more popular than expected. As of 3/28/16, 210 qualifying residents signed up for the program. We budgeted for 200. Since there are three days remaining before the program's registration deadline, staff is recommending that an additional \$2,000 be added to the 2016 budget.

In the Police Pension Fund there was one creditable service transfer request for \$185,356 and two refund requests totaling \$48,386.99. Therefore, staff is request a budget amendment to increase the Refund of Contributions account by \$250,000. Attached (Exhibit #1) lists the Funds that are estimated to be over the budget amount with a brief description of the reason each will go over. Also attached is the actual ordinance along with the attachment of the accounts that need to be adjusted.

The corporate authorities in municipalities may revise the annual budget by a vote of two-thirds (2/3) of the members of the corporate authorities then holding office. The annual budget for the Village may be revised by deleting, adding to, changing, or creating sub-classes within object classes and object classes themselves. There are funds available in each of the Funds to make the revision.

*Recommended Action:*

Recommend Approval of Ordinance 16-O-XX, An Ordinance Making Certain Amendments to the Annual Budget Adopted for the Fiscal Year Commencing May 1, 2015 and Ending April 30, 2016

<b>Committee:</b> Human Resources & Finance		<b>Meeting Date:</b> 4/4/16 & 4/18/16	
<b>Lead Department:</b> Finance		<b>Presenter:</b> Wayde Frerichs, Director of Finance	
<b>Item Budgeted:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>	<b>Account(s)</b>	<b>Budget</b>	<b>Expenditure</b>
	Y-T-D Actual		
	Amount Encumbered		
	Item Requested		
	Total:	\$0.00	\$0.00
	Request is over/under budget:		
	Under	-	
	Over	-	

**ORDINANCE NO. 16-O-\_\_\_**

**AN ORDINANCE MAKING CERTAIN AMENDMENTS TO THE  
ANNUAL BUDGET ADOPTED FOR THE FISCAL YEAR  
COMMENCING MAY 1, 2015 AND ENDING APRIL 30, 2016**

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have adopted the “Budget Officer System” as provided in sections 8-2-9.1 through 8-2-9.10 of the Illinois Municipal Code (65 ILCS 5/8-2-9.1 – 8-2-9.10); and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake passed and adopted Ordinance 15-O-12 on April 20, 2015, establishing the annual budget for the fiscal year ending April 30, 2016; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have determined to amend the budget for the fiscal year ended 2016; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have determined that additional revenue or existing fund equity is available to fund certain expenditures not anticipated at the time the annual budget ordinance was approved by the Board, and those expenditures have been determined to be necessary; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have reviewed the budget amendments for fiscal year end 2016 as presented by the Village Budget Officer; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake believe the amendments to the budget for fiscal year ended 2016 to be in the best interests of the Village of Round Lake.

**NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ROUND LAKE, LAKE COUNTY, ILLINOIS, as follows:**

**SECTION ONE:** That the fiscal year budget for May 1, 2015 through April 30, 2016 for the Village of Round Lake is hereby amended, as detailed on Budget Amendment No. 1 attached hereto.

**SECTION TWO:** That this ordinance shall be in full force and effect from and after its passage, approval and publication in the manner provided by law.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

PUBLISHED IN  
PAMPHLET FORM:

AYES:

NAYS:

ABSENT:

**VILLAGE OF ROUND LAKE  
BUDGET AMENDMENT #1  
EXPLANATION OF FUNDS OVER BUDGET**

Fund/Dept. & Account	Description	Budget Amendment	Reason
<b><u>DEBT SERVICE FUNDS</u></b>			
<b>2011 DEBT SERVICE FUND</b>			
<b>Utilities</b>			
28-20-82-88218	Senior Citizen Rebate	<u>\$2,000</u>	As of 3/28/16, 210 seniors applied for rebate - \$10,500.00
		<u>\$2,000</u>	
<b><u>FIDUCIARY &amp; AGENCY FUNDS</u></b>			
<b>POLICE PENSION FUND</b>			
<b>Payroll Expenses</b>			
70-20-70-67057	Refund of Contributions	<u>\$250,000</u>	Two refunds at \$48,386.99, one service transfer at \$185,356.00
		<u>\$250,000</u>	
	<b>Total Changes</b>	<u><u>\$252,000</u></u>	



VILLAGE OF ROUND LAKE

**AGENDA ITEM SUMMARY**

**TITLE:** ARDEN L.S. PUMP REPLACEMENT

**Agenda Item No. 5.5**

*Executive Summary*

Staff is requesting permission to purchase a new Flygt model NP-3127.095 10 HP submersible pump from Xylem Water Solutions USA, Inc. The existing pump was installed in 2004 and has a bad lower seal and impeller. The cost of parts to repair the pump is \$2,961.00 and the cost to replace the pump is \$7,874.40. The other pump in the lift station was installed at the same time and had the lower seal replaced two years ago. Staff recommends installing a new pump instead of repairing it to reduce the likelihood of both pumps failing around the same time. If the pump is not in stock, it could be an 8-10 week lead time to get a replacement.

Xylem is the sole source for Flygt pumps. The Village has been purchasing Flygt pumps for all new or replacement pumps for the past few years. They have good performance and efficiency and work with our updated lift station controllers.

*Recommended Action*

Approve the purchase of a new Flygt model NP-3127.095 10 HP submersible pump from Xylem Water Solutions USA, Inc. for Arden Lift Station.

<b>Committee:</b> PW/F&CA and Engineering	<b>Meeting Date(s):</b> 04/04/16 & 4.18/16																																		
<b>Lead Department:</b> Public Works	<b>Presenter:</b> Adam Wedoff, Director of Public Works																																		
<b>Item Budgeted:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Account(s)</th> <th style="text-align: right;">Budget</th> <th style="text-align: right;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>Other Items</td> <td style="text-align: right;">\$15,000.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$17,000.00</td> <td style="text-align: right;">\$7,874.40</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$6,240.00</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>50-60-92-99206</td> <td style="text-align: right;">\$32,000.00</td> <td style="text-align: right;">\$14,114.40</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td></td> <td style="text-align: right;">\$17,885.60</td> </tr> <tr> <td style="text-align: right;">Over</td> <td style="text-align: center;">-</td> <td></td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	Other Items	\$15,000.00		Item Requested	\$17,000.00	\$7,874.40	YTD Actual		\$6,240.00	Amount Encumbered		\$0.00							50-60-92-99206	\$32,000.00	\$14,114.40	Request is over/under budget:			Under		\$17,885.60	Over	-		
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Over	-																																		

**Resolution 2016-R-\_\_**

**A Resolution Approving the Purchase of a New Flygt Submersible Pump from Xylem Water Solutions USA, Inc.**

**BE IT RESOLVED** by the Village President and Board of Trustees of the Village of Round Lake as follows:

**Section One:** That the quote from Xylem Water Solutions USA, Inc. for the purchase of a new Flygt model NP-3127.095 10 HP submersible pump for the Arden Lift Station, attached as Exhibit A, is hereby approved at a price not to exceed \$7,874.40.

**Section Two:** The Village has purchased all new or replacement pumps from Xylem Water Solutions USA, Inc. for the past several years, and staff recommends that the Village approves the sole source quote.

**Section Three:** The Village Administrator and Director of Public Works are authorized to execute all necessary documents to carry out this Resolution.

**Section Four:** That this Resolution shall be in full force and effect from and after its passage and approval as required by law.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

AYES:

NAYS:

ABSENT:

**Exhibit A**

**Quote from Xylem Water Solutions USA**



**Xylem Water Solutions USA, Inc.  
Flygt Products**

8402 183rd Street Suite A  
Tinley Park, IL 60487  
Tel (708) 342-0484  
Fax (708) 342-0491

March 14, 2016

VILLAGE OF ROUND LAKE  
442 CEDAR LAKE RD  
ROUND LAKE IL 60073

Quote # 2016-CHI-0172

Re: Village of Round Lake Arden lift station

Xylem Water Solutions USA, Inc. is pleased to provide a quote for the following Flygt equipment.

**Arden replacemnt pump**

Qty	Part Number	Description
1	3127.095-0096	Flygt Model NP-3127.095 4" volute Submersible pump equipped with a 230 Volt / 3 phase / 60 Hz 10 HP 1750 RPM motor, 488 impeller, 1 x 50 Ft. length of SUBCAB 4G6+2x1,5 submersible cable, FLS leakage detector, volute is prepared for Flush Valve
1	14-40 71 29	MINI-CASII/FUS 120/24VAC,24VDC
1	14-40 70 97	SOCKET,11 PIN OCTAL DIN MOUNT 12/02

**Total Project Price \$ 7,874.40**

**Incoterm:** 1 FCA - Free Carrier      **Named Placed:** 02 - US WH/ Factory  
Incoterms 2010 clarify responsibility for costs, risks, & tasks associated with the shipment of goods to the named place.

**Taxes:** State, local and other applicable taxes are not included in this quotation.

**Terms of delivery:** PP/Add Order Position

**Time of delivery:** Approx. 1-2 working weeks after receipt of order.

**Terms of payment:** Net 60 Days

**Validity:** This Quote will expire in ninety (90) days unless extended in writing by Xylem Water Solutions USA, Inc..

**Terms & Conditions:**

**TERMS AND CONDITIONS OF SALE - NORTH AMERICA Page 1 of 3 (January 2015)**

**1. Agreement, Integration and Conflict of Terms.** These terms and conditions, together with any special conditions expressly incorporated thereto in the quotation or sales form, are to govern any sale between the Seller and Buyer. The Seller shall mean the applicable affiliate of Xylem Inc. that is party to the Agreement ("Seller"). The Buyer shall mean the entity that is party to the Agreement with Seller. This writing is an offer or counteroffer by Seller to sell the goods and/or services set forth on the quotation or sales form subject to these terms and conditions and is expressly made conditional on Buyer's assent to these terms and conditions. Acceptance by Buyer is expressly limited to these terms and conditions. Any additional or different terms and conditions contained in Buyer's purchase order or other communication shall not be effective or binding upon Seller unless specifically agreed to in writing by Seller; Seller hereby objects to any such conditions, and the failure of Seller to object to specific provisions contained in any purchase order or other communication from Buyer shall not be construed as a waiver of these terms and conditions nor an acceptance of any such provisions. Neither Seller's commencement of performance nor delivery shall be deemed or construed as acceptance of Buyer's additional or different terms and conditions. Buyer agrees that these terms and conditions, together with any accompanying quotation and any special conditions or limited process guarantees or documents referred to or included within the quotation and expressly made a part of this agreement, (e.g., drawings, illustrations, specifications, or diagrams), is the complete and final agreement between Buyer and the Seller ("Agreement"). This Agreement supersedes all prior negotiations, representations, or agreements, either written or oral, between the parties and, further, can only be altered, modified or amended with the express written consent of Seller.



**2.Quotation, Withdrawal, Expiration.** Quotes are valid for thirty (30) calendar days from the date of issuance unless otherwise provided therein. Seller reserves the right to cancel or withdraw the quotation at any time with or without notice or cause prior to acceptance by Buyer. There is no Agreement if any conditions specified within the quotation or sales form are not completed by Buyer to Seller's satisfaction within thirty (30) calendar days of Seller's acknowledgement in writing of an order. Seller nevertheless reserves its right to accept any contractual documents received from Buyer after this 30-day period.

**3.Prices.** Prices apply to the specific quantities stated on the quotation or sales form. Unless otherwise agreed to in writing by Seller, all prices are FCA; Origin (as defined in accordance with the latest version of Incoterms), and do not include transportation costs or charges relating to transportation unless otherwise specified. Prices include standard packing according to Seller's specifications for delivery. All costs and taxes for special packing requested by Buyer, including packing for exports, shall be paid by Buyer as an additional charge. Prices are subject to change without notice.

**4.Taxes.** The price for the goods does not include any applicable sales, use, excise, GST, VAT, or similar tax, duties or levies. Buyer shall have the responsibility for the payment of such taxes if applicable.

**5.Payment Terms.** Seller reserves the right to require payment in advance or C.O.D. and otherwise modify credit terms should Buyer's credit standing not meet Seller's acceptance. Unless different payment terms are expressly set forth in the quotation or sales form or order acknowledgment or Sales Policy Manual, goods will be invoiced upon shipment. Payment shall be made in U.S. Dollars. Payment in full is due within thirty (30) days from the invoice date. In the event payment is not made when due, Buyer agrees to pay Seller a service or finance charge of the lesser of (i) one and one-half percent (1.5%) per month (18% per annum), or (ii) the highest rate permitted by applicable law, on the unpaid balance of the invoice from and after the invoice due date. Buyer is responsible for all costs and expenses associated with any checks returned due to insufficient funds. All credit sales are subject to prior approval of Seller's credit department. Export shipments will require payment prior to shipment or an appropriate Letter of Credit. If, during the performance of the contract with Buyer, the financial responsibility or condition of Buyer is such that Seller in good faith deems itself insecure, or if Buyer becomes insolvent, or if a material change in the ownership of Buyer occurs, or if Buyer fails to make any payments in accordance with the terms of its contract with Seller, then, in any such event, Seller is not obligated to continue performance under the contract and may stop goods in transit and defer or decline to make delivery of goods, except upon receipt of satisfactory security or cash payments in advance, or Seller may terminate the order upon written notice to Buyer without further obligation to Buyer whatsoever. If Buyer fails to make payments or fails to furnish security satisfactory to Seller, then Seller shall also have the right to enforce payment to the full contract price of the work completed and in process. Upon default by Buyer in payment when due, Buyer shall immediately pay to Seller the entire unpaid amounts for any and all shipments made to Buyer irrespective of the terms of said shipment and whether said shipments are made pursuant to this Agreement or any other contract of sale between Seller and Buyer, and Seller may withhold all subsequent shipments until the full amount is settled. Acceptance by Seller of less than full payment shall not be a waiver of any of its rights hereunder. Buyer shall not assign or transfer this Agreement or any interest in it, or monies payable under it, without the written consent of Seller and any assignment made without such consent shall be null and void.

**6.Delivery, Risk of Loss.** Delivery dates are estimates, and time is not of the essence. All shipments will be made FCA; Origin, unless otherwise specified. Seller shall not be responsible to Buyer for any loss, whether direct, indirect, incidental or consequential in nature, including without limitation loss of profits, arising out of or relating to any failure of the goods to be delivered by the specified delivery date. In the absence of specific instructions, Seller will select the carrier. Upon delivery to the common carrier, title and the risk of loss for the material shall pass to Buyer. Buyer shall reimburse Seller for the additional cost of its performance resulting from inaccurate or lack of delivery instructions, or by any act or omission on Buyer's part. Any such additional cost may include, but is not limited to, storage, insurance, protection, re-inspection and delivery expenses. Buyer further agrees that any payment due on delivery shall be made on delivery into storage as though goods had been delivered in accordance with the order.

Buyer grants to Seller a continuing security interest in and a lien upon the products and the proceeds thereof (including insurance proceeds), as security for the payment of all such amounts and the performance by Buyer of all of its obligations to Seller pursuant to the order and all such other sales, and Buyer shall have no right to sell, encumber or dispose of the products. Buyer shall execute any and all financing statements and other documents and instruments and do and perform any and all other acts and things which Seller may consider necessary, desirable or appropriate to establish, perfect or protect Seller's title, security interest and lien. In addition, Buyer authorizes Seller and its agents and employees to execute any and all such documents and instruments and do and perform any and all such acts and things, at Buyer's expense, in Buyer's name and on its behalf. Such documents and instruments may also be filed without the signature of Buyer to the extent permitted by law.

**7.Warranty.** For goods sold by Seller to Buyer that are used by Buyer for personal, family or household purposes, Seller warrants the goods to Buyer on the terms of Seller's limited warranty available on Seller's website. For goods sold by Seller to Buyer for any other purpose, Seller warrants that the goods sold to Buyer hereunder (with the exception of membranes, seals, gaskets, elastomer materials, coatings and other "wear parts" or consumables all of which are not warranted except as otherwise provided in the quotation or sales form) will be (i) be built in accordance with the specifications referred to in the quotation or sales form, if such specifications are expressly made a part of this Agreement, and (ii) free from defects in material and workmanship for a period of one (1) year from the date of installation or eighteen (18) months from the date of shipment (which date of shipment shall not be greater than thirty (30) days after receipt of notice that the goods are ready to ship), whichever shall occur first, unless an alternate period of time is provided by law or is specified in the product documentation from Xylem (the "Warranty").

Except as otherwise provided by law, Seller shall, at its option and at no cost to Buyer, either repair or replace any product which fails to conform with the Warranty; provided, however, that under either option, Seller shall not be obligated to remove the defective product or install the replaced or repaired product and Buyer shall be responsible for all other costs, including, but not limited to, service costs, shipping fees and expenses. Seller shall have complete discretion as to the method or means of repair or replacement. Buyer's failure to comply with Seller's repair or replacement directions shall

**TERMS AND CONDITIONS OF SALE - NORTH AMERICA Page 2 of 3 (January 2015)**

constitute a waiver of its rights and render all warranties void. Any parts repaired or replaced under the Warranty are warranted only for the balance of the



warranty period on the parts that were repaired or replaced. The Warranty is conditioned on Buyer giving written notice to Seller of any defects in material or workmanship of warranted goods within ten (10) days of the date when any defects are first manifest. Seller shall have no warranty obligations to Buyer with respect to any product or parts of a product that: (a) have been repaired by third parties other than Seller or without Seller's written approval; (b) have been subject to misuse, misapplication, neglect, alteration, accident, or physical damage; (c) have been used in a manner contrary to Seller's instructions for installation, operation and maintenance; (d) have been damaged from ordinary wear and tear, corrosion, or chemical attack; (e) have been damaged due to abnormal conditions, vibration, failure to properly prime, or operation without flow; (f) have been damaged due to a defective power supply or improper electrical protection; or (g) have been damaged resulting from the use of accessory equipment not sold by Seller or not approved by Seller in connection with products supplied by Seller hereunder. In any case of products not manufactured by Seller, there is no warranty from Seller; however, Seller will extend to Buyer any warranty received from Seller's supplier of such products.

**THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, GUARANTEES, CONDITIONS OR TERMS OF WHATEVER NATURE RELATING TO THE GOODS PROVIDED HEREUNDER, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED AND EXCLUDED. EXCEPT AS OTHERWISE PROVIDED BY LAW, BUYER'S EXCLUSIVE REMEDY AND SELLER'S AGGREGATE LIABILITY FOR BREACH OF ANY OF THE FOREGOING WARRANTIES ARE LIMITED TO REPAIRING OR REPLACING THE PRODUCT AND SHALL IN ALL CASES BE LIMITED TO THE AMOUNT PAID BY THE BUYER HEREUNDER. IN NO EVENT IS SELLER LIABLE FOR ANY OTHER FORM OF DAMAGES, WHETHER DIRECT, INDIRECT, LIQUIDATED, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFIT, LOSS OF ANTICIPATED SAVINGS OR REVENUE, LOSS OF INCOME, LOSS OF BUSINESS, LOSS OF PRODUCTION, LOSS OF OPPORTUNITY OR LOSS OF REPUTATION.**

**8. Inspection.** Buyer shall have the right to inspect the goods upon their receipt. When delivery is to Buyer's site or to a project site ("Site"), Buyer shall notify Seller in writing of any nonconformity of the goods with this Agreement within three (3) days from receipt by Buyer. For all other deliveries, Buyer shall notify Seller in writing of any nonconformity with this Agreement within fourteen (14) days from receipt by Buyer. Failure to give such applicable notice shall constitute a waiver of Buyer's right to inspect and/or reject the goods for nonconformity and shall be equivalent to an irrevocable acceptance of the goods by Buyer. Claims for loss of or damage to goods in transit must be made to the carrier, and not to Seller.

**9. Seller's Limitation of Liability.** EXCEPT AS OTHERWISE PROVIDED BY LAW, IN NO EVENT SHALL SELLER'S LIABILITY UNDER THIS AGREEMENT EXCEED THE AMOUNT PAID BY BUYER UNDER THIS AGREEMENT. SELLER SHALL HAVE NO LIABILITY FOR LOSS OF PROFIT, LOSS OF ANTICIPATED SAVINGS OR REVENUE, LOSS OF INCOME, LOSS OF BUSINESS, LOSS OF PRODUCTION, LOSS OF OPPORTUNITY, LOSS OF REPUTATION, INDIRECT, CONSEQUENTIAL, INCIDENTAL, PUNITIVE OR EXEMPLARY DAMAGES.

**10. Force Majeure.** Seller may cancel or suspend this Agreement and Seller shall have no liability for any failure to deliver or perform, or for any delay in delivering or performing any obligations, due to acts or omissions of Buyer and/or its contractors, or due to circumstances beyond Seller's reasonable control, including but not limited to acts of God, fire, flood or other natural disasters, war and civil disturbance, riot, acts of governments, terrorism, disease, currency restrictions, labor shortages or disputes, unavailability of materials, fuel, power, energy or transportation facilities, failures of suppliers or subcontractors to effect deliveries, in which case the time for performance shall be extended in an amount equal to the excused period, provided that Seller shall have, as soon as reasonably practicable after it has actual knowledge of the beginning of any excusable delay, notified Buyer of such delay, of the reason therefor and of the probable duration and consequence thereof. Seller shall use its best efforts to eliminate the cause of the delay, interruption or cessation and to resume performance of its obligations hereunder with the least possible delay.

**11. Cancellation.** Except as otherwise provided in this Agreement, no order may be cancelled on special or made-to-order goods or unless otherwise requested in writing by either party and accepted in writing by the other. In the event of a cancellation by Buyer, Buyer shall, within thirty (30) days of such cancellation, pay Seller a cancellation fee, which shall include all costs and expenses incurred by Seller prior to the receipt of the request for cancellation including, but not limited to, all commitments to its suppliers, subcontractors and others, all fully burdened labor and overhead expended by Seller, plus a reasonable profit charge." Return of goods shall be in accordance with Seller's most current Return Materials Authorization and subject to a minimum fifteen percent (15%) restocking fee.

Notwithstanding anything to the contrary herein, in the event of the commencement by or against Buyer of any voluntary or involuntary proceedings in bankruptcy or insolvency, or in the event Buyer shall be adjusted bankrupt, make a general assignment for the benefit of its creditors, or if a receiver shall be appointed on account of Buyer's insolvency, or if Buyer fails to make payment when due under this Agreement, or in the event Buyer does not correct or, if immediate correction is not possible, commence and diligently continue action to correct any default of Buyer to comply with any of the provisions or requirements of this Agreement within ten (10) calendar days after being notified in writing of such default by Seller, Seller may, by written notice to Buyer, without prejudice to any other rights or remedies which Seller may have, terminate its further performance of this Agreement. In the event of such termination, Seller shall be entitled to receive payment as if Buyer has cancelled the Agreement as per the preceding paragraph. Seller may nevertheless elect to complete its performance of this Agreement by any means it chooses. Buyer agrees to be responsible for any additional costs incurred by Seller in so doing. Upon termination of this Agreement, the rights, obligations and liabilities of the parties which shall have arisen or been incurred under this Agreement prior to its termination shall survive such termination.

**12. Drawings.** All drawings are the property of Seller. Seller does not supply detailed or shop working drawings of the goods; however, Seller will supply necessary installation drawings. The drawings and bulletin illustrations submitted with Seller's quotation show general type, arrangement and approximate dimensions of the goods to be furnished for Buyer's information only and Seller makes no representation or warranty regarding their accuracy. Unless expressly stated to the contrary within the quotation or sales form, all drawings, illustrations, specifications or diagrams form no part of this Agreement. Seller reserves the right to alter such details in design or arrangement of its goods which, in its judgment, constitute an improvement in

construction, application or operation. All engineering information necessary for installation of the goods shall be forwarded by Seller to Buyer to upon Buyer's acceptance of this Agreement. After Buyer's acceptance of this Agreement, any changes in the type of goods, the arrangement of the goods, or application of the goods requested by Buyer will be made at Buyer's expense. Instructions necessary for installation, operating and maintenance will be supplied when the goods are shipped.

**13. Proprietary Information, Injunction.** Seller's designs, illustrations, drawings, specifications, technical data, catalogues, "know-how", economic or other business or manufacturing information (collectively "Proprietary Information") disclosed to Buyer shall be deemed proprietary and confidential to Seller. Buyer agrees not to disclose, use, or reproduce any Proprietary Information without first having obtained Seller's express written consent. Buyer's agreement to refrain from disclosing, using or reproducing Proprietary Information shall survive completion of the work under this Agreement. Buyer acknowledges that its improper disclosure of Proprietary Information to any third party will result in Seller's suffering irreparable harm.

#### **TERMS AND CONDITIONS**

#### **OF SALE - NORTH**

**AMERICA Page 3 of 3**

**(January 2015)**

Seller may seek injunctive or equitable relief to prevent Buyer's unauthorized disclosure.

**14. Installation and Start-up.** Unless otherwise agreed to in writing by Seller, installation shall be the sole responsibility of Buyer. Where start-up service is required with respect to the goods purchased hereunder, it must be performed by Seller's authorized personnel or agents; otherwise, the Warranty is void. In the event Buyer has engaged Seller to provide an engineer for startup supervision, such engineer will function in a supervisory capacity only and Seller shall have no responsibility for the quality of workmanship of the installation. In any event, Buyer understands and agrees that it shall furnish, at Buyer's expense, all necessary foundations, supplies, labor and facilities that might be required to install and operate the goods.

**15. Specifications.** Changes in specifications requested by Buyer are subject to approval in writing by Seller. In the event such changes are approved, the price for the goods and the delivery schedule shall be changed to reflect such changes.

**16. Buyer Warranty.** Buyer warrants the accuracy of any and all information relating to the details of its operating conditions, including temperatures, pressures, and where applicable, the nature of all hazardous materials. Seller can justifiably rely upon the accuracy of Buyer's information in its performance. Should Buyer's information prove inaccurate, Buyer agrees to reimburse Seller for any losses, liabilities, damages and expenses that Seller may have incurred as a result of any inaccurate information provided by Buyer to Seller.

**17. Minimum Order.** Seller reserves the right to refuse to process any order that does not meet quantity requirements that Seller may establish for any given product or group of products.

**18. Quality Levels.** Prices are based on quality levels commensurate with normal processing. If a different quality level is required, Buyer must specify its requirements, as approved in writing by Seller, and pay any additional costs that may be applicable.

**19. Product Recalls.** In cases where Buyer purchases for resale, Buyer shall take all reasonable steps (including, without limitation, those measures prescribed by the seller): (a) to ensure that all customers of the Buyer and authorized repairers who own or use affected products are advised of every applicable recall campaign of which the Buyer is notified by the Seller; (b) to ensure that modifications notified to Buyer by Seller by means of service campaigns, recall campaigns, service programmes or otherwise are made with respect to any products sold or serviced by Buyer to its customers or authorized repairers. The reimbursement of Buyer for parts and labor used in making those modifications shall be as set forth in the campaign or program instructions. Without the prior consent of the Seller, the Buyer shall not disclose to any third party the information contained in service campaign, recall campaign or service programme literature. Should Buyer fail to perform any of the actions required under this section, Seller shall have the right to obtain names and address of the Buyer's customers and shall be entitled to get into direct contact with such customers.

**19. GOVERNING LAW.** THE TERMS OF THIS AGREEMENT AND ALL RIGHTS AND OBLIGATIONS HEREUNDER SHALL BE GOVERNED BY THE LAWS OF THE STATE OF SELLER'S OFFICE TO WHICH THIS ORDER HAS BEEN SUBMITTED (WITHOUT REFERENCE TO PRINCIPLES OF CONFLICTS OF LAWS). THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL NOT BE GOVERNED BY THE 1980 U.N. CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS.

**20. Titles.** The section titles are for reference only, and shall not limit or restrict the interpretation or construction of this Agreement.

**21. Waiver.** Seller's failure to insist, in any one or more instances, upon Buyer's performance of this Agreement, or to exercise any rights conferred, shall not constitute a waiver or relinquishment of any such right or right to insist upon Buyer's performance in any other regard.

**22. Severability.** The partial or complete invalidity of any one or more provisions of this Agreement shall not affect the validity or continuing force and effect of any other provision.



**Customer Acceptance:** A signed facsimile copy of this quote is acceptable as a binding contract.

Signature: \_\_\_\_\_ Company/Utility: \_\_\_\_\_

Name : \_\_\_\_\_ Address: \_\_\_\_\_  
(PLEASE PRINT)

Email: \_\_\_\_\_

Date: \_\_\_\_\_ Phone \_\_\_\_\_

PO#: \_\_\_\_\_ Fax: \_\_\_\_\_

Thank you for the opportunity to provide this quotation. Please contact us if there are any questions.

Sincerely,



Chris Tuinstra  
Direct Sales Representative  
Phone: 708-781-0177  
Cell: 708-990-4919  
christopher.tuinstra@xyleminc.com





## NP 3127 HT 3~ 488



### Performance curve

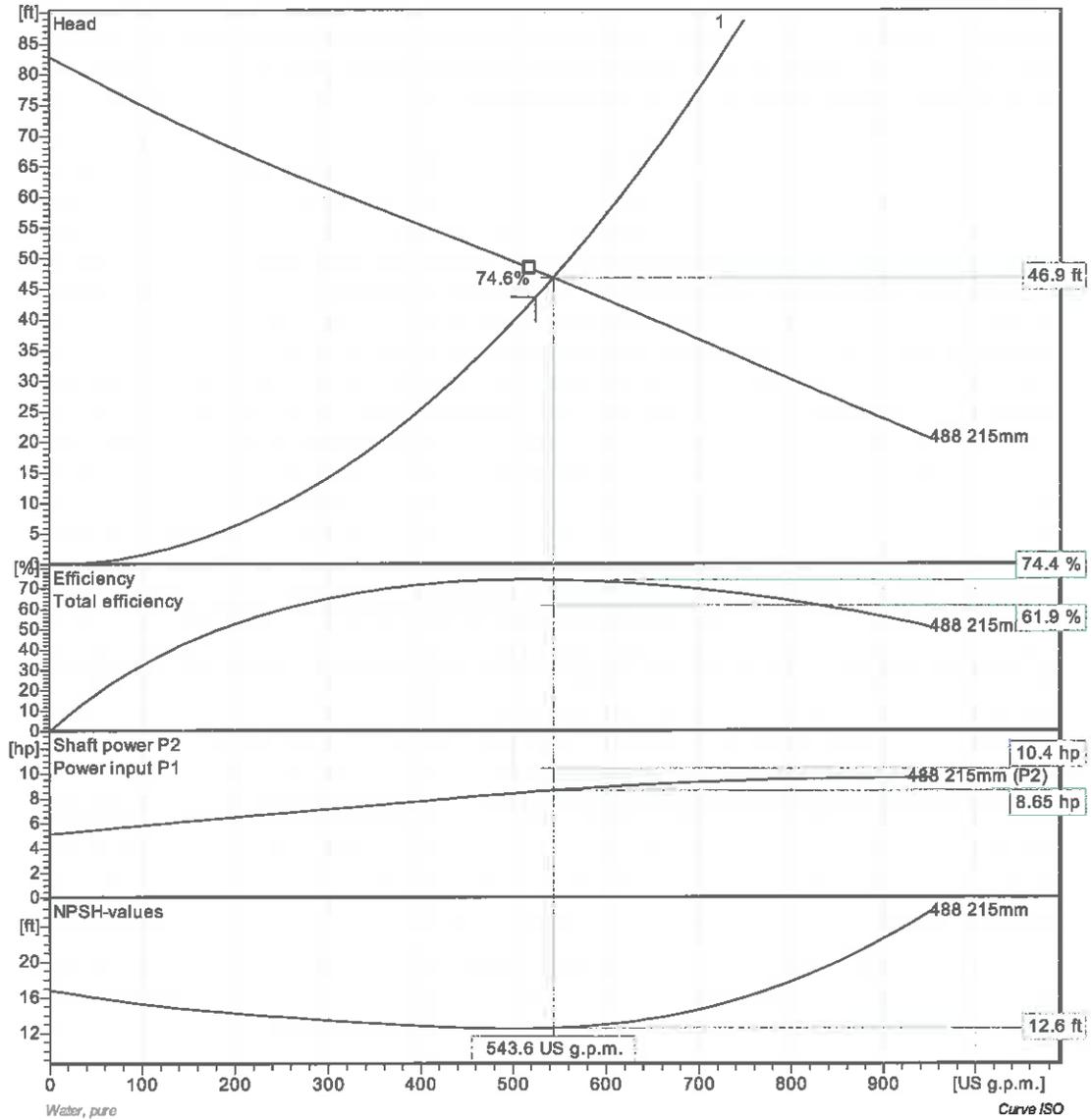
#### Pump

Discharge Flange Diameter 3 15/16 inch  
 Inlet diameter 100 mm  
 Impeller diameter 8 7/16"  
 Number of blades 2

#### Motor

Motor # N3127.095 21-12-4AL-W 10hp  
 Stator variant 12  
 Frequency 60 Hz  
 Rated voltage 460 V  
 Number of poles 4  
 Phases 3~  
 Rated power 10 hp  
 Rated current 13 A  
 Starting current 68 A  
 Rated speed 1720 rpm

Power factor  
 1/1 Load 0.85  
 3/4 Load 0.83  
 1/2 Load 0.75  
 Efficiency  
 1/1 Load 82.0 %  
 3/4 Load 83.5 %  
 1/2 Load 83.0 %



Project

Project ID

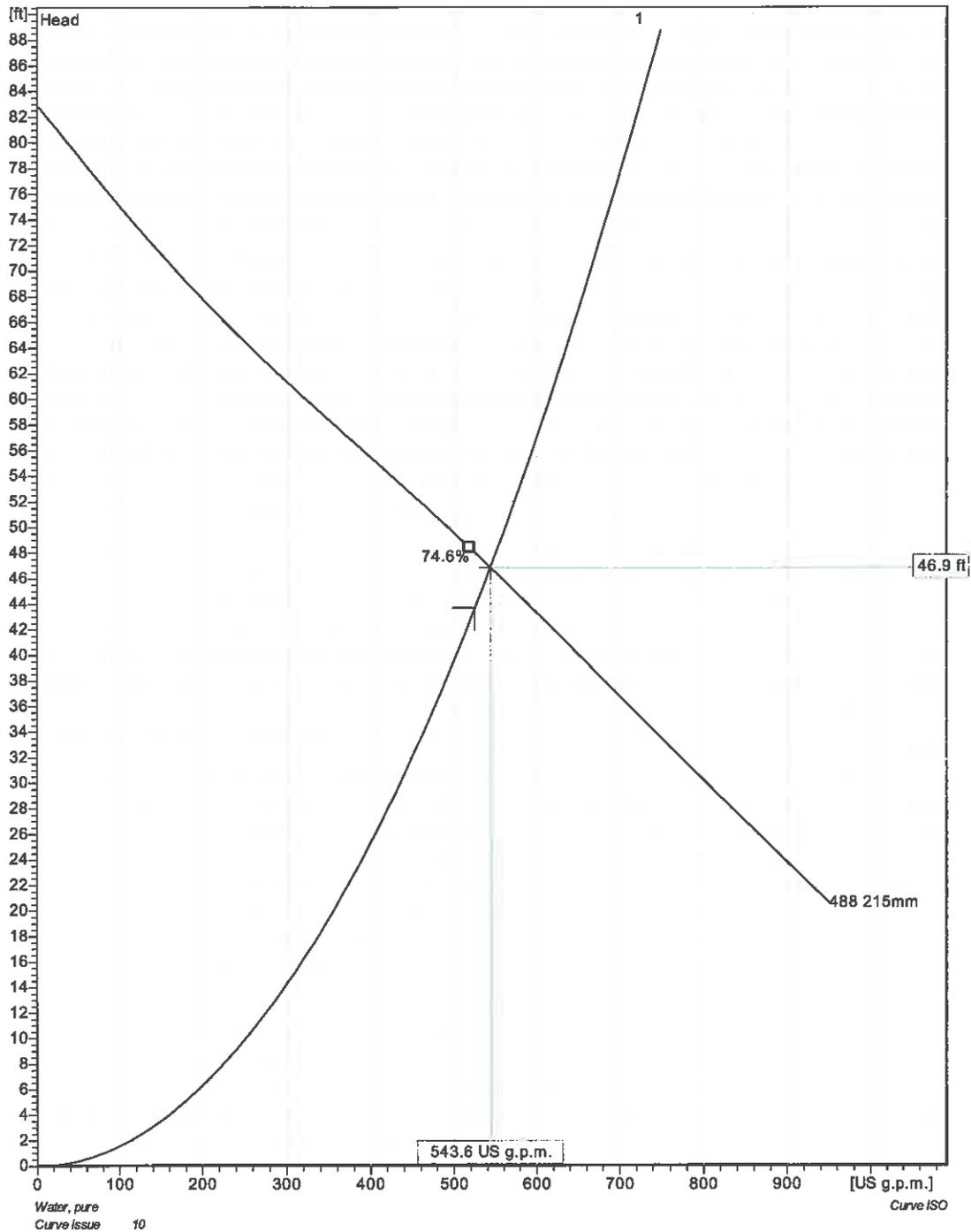
Created by

Created on

Last update

2016-03-14 19:37:31

## NP 3127 HT 3~ 488 Duty Analysis



Pumps running /System	Individual pump			Total			Pump eff.	Specific energy	NPSHre
	Flow	Head	Shaft power	Flow	Head	Shaft power			
1	544 US g.p.m.	46.9 ft	8.65 hp	544 US g.p.m.	46.9 ft	8.65 hp	74.4 %	238 kWh/US MG	12.6 ft

Project

Project ID

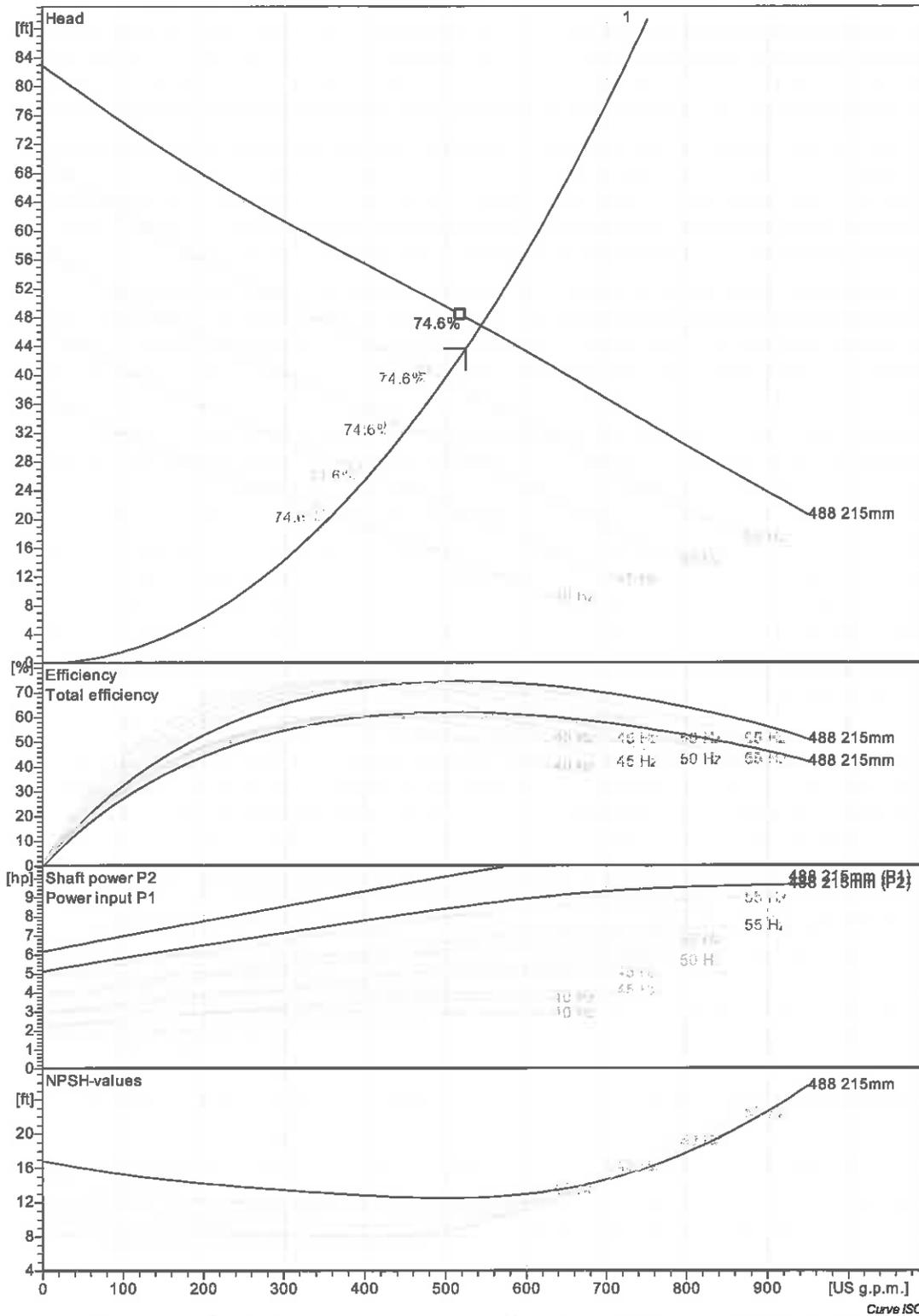
Created by

Created on

Last update

2016-03-14 19:37:31

## NP 3127 HT 3~ 488 VFD Curve



Project

Project ID

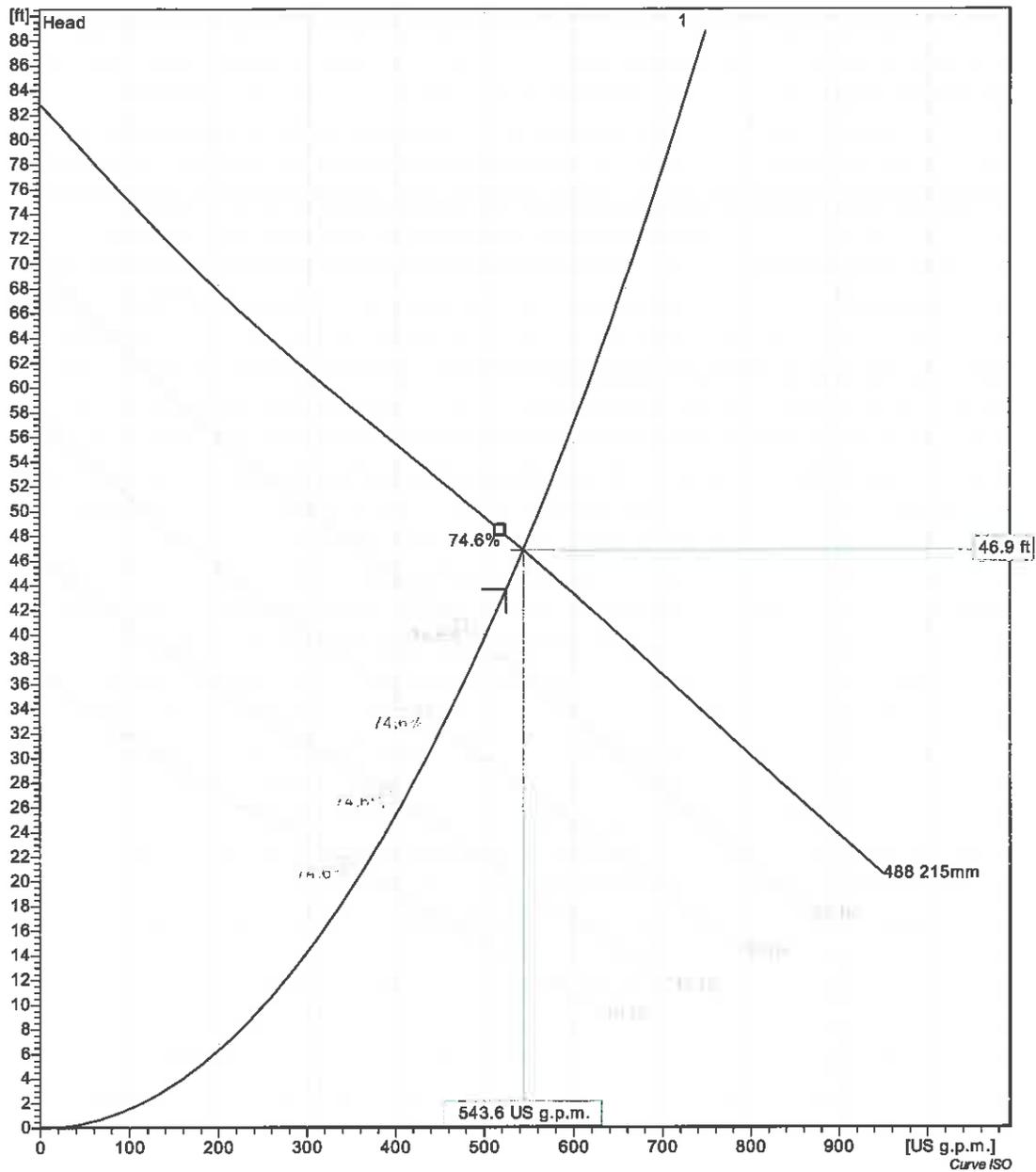
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Created on

Last update

2016-03-14 19:37:31

## NP 3127 HT 3~ 488 VFD Analysis



Pumps running /System	Frequency	Flow	Head	Shaft power	Flow	Head	Shaft power	Hyd eff.	Specific energy	NPSHre
1	60 Hz	544 US g.p.m.	46.9 ft	8.65 hp	544 US g.p.m.	46.9 ft	8.65 hp	74.4%	238 kWh/US MG	12.6 ft
1	55 Hz	498 US g.p.m.	39.4 ft	6.67 hp	498 US g.p.m.	39.4 ft	6.67 hp	74.4%	199 kWh/US MG	10.9 ft
1	50 Hz	453 US g.p.m.	32.6 ft	5.01 hp	453 US g.p.m.	32.6 ft	5.01 hp	74.4%	165 kWh/US MG	9.4 ft
1	45 Hz	408 US g.p.m.	26.4 ft	3.65 hp	408 US g.p.m.	26.4 ft	3.65 hp	74.4%	138 kWh/US MG	7.94 ft
1	40 Hz	363 US g.p.m.	20.8 ft	2.57 hp	363 US g.p.m.	20.8 ft	2.57 hp	74.4%	115 kWh/US MG	6.58 ft

Project

Project ID

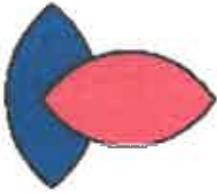
Created by

Created on

Last update

2016-03-14 19:37:31





**Metropolitan Industries, Inc.**

37 Forestwood Drive  
Romeoville, IL 60446  
Phone: (815) 886-9200  
Fax: (815) 886-4573

**QUOTATION**

Quote No. Q0004446  
Customer ID 000964

BILL TO:	SHIP TO:
Village of Round Lake II Attn: Accounts Payable 442 N. Cedar Lake Road Round Lake, IL 60073	Village of Round Lake II 442 N. Cedar Lake Road Round Lake, IL 60073

Notes:

PAGE 1

F.O.B. POINT	SHIP VIA	ORDERED BY	
	BEST WAY	Kevin	
QUOTE DATE	TERMS	SALES PERSON	EXPIRATION DATE
3/16/2016	Net 30		3/16/2017

PART NUMBER	QUANTITY	UNITS	UNIT PRICE	DISC %	EXTENDED PRICE
51700-350-7 CARBIDE SEAL KIT Notes:	1.000	EACH	1,302.000	0.00	1,302.00
7071-005-2 IMPELLER DI 8.00 DIA S4M Notes:	1.000	EACH	1,442.000	0.00	1,442.00
7077-002-3 RING-CASING WEAR S4M & S4P Notes:	1.000	EACH	217.000	0.00	217.00

Merchandise Total 2,961.00

Shipping & Handling

Total Misc. Charges 0.00

Sales Tax 0.00

**TOTAL 2,961.00**



VILLAGE OF ROUND LAKE

**AGENDA ITEM SUMMARY**

**TITLE: DESIGN ENGINEERING FOR SANITARY SEWER CLEANING AND TELEVISIONING**

**Agenda Item No. 5.6**

*Executive Summary*

Staff is recommending Robinson Engineering LTD. to complete design and bid documents for Cleaning and Televising Sanitary Sewers be approved. As a part of the Northwest FPA CMOM program, the Village is required to clean and televise 10% of its sanitary sewer system annually. The attached RFP was sent to select engineering firms to decide on the areas that should be cleaned & televised, design the project, bid the project and provide a bid tab with recommendation to award. This work is in the proposed FY 2017 budget.

The response to the RFPs are as follows:

- Robinson Engineering LTD \$5,600
- Baxter & Woodman, Inc. \$6,900
- Manhard Consulting \$8,100
- RHMG Engineers, Inc. \$8,677
- Pearson, Brown & Associates, Inc. – declined to submit a proposal

*Recommended Action*

Approve Robinson Engineering LTD. to complete design and bid documents for Cleaning and Televising Sanitary Sewers.

<b>Committee:</b> PW/F&CA and Engineering	<b>Meeting Date(s):</b> 04/04/16 & 4/18/16																															
<b>Lead Department:</b> Public Works	<b>Presenter:</b> Adam Wedoff, Director of Public Works																															
<b>Item Budgeted:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  <b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Account(s)</th> <th style="width: 30%;">Budget</th> <th style="width: 40%;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>Other Items</td> <td style="text-align: right;">\$2,913,581.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td style="text-align: right;">\$30,000.00</td> <td style="text-align: right;">\$5,600.00</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>50-60-81-88101</td> <td style="text-align: right;">\$2,943,581.00</td> <td style="text-align: right;">\$5,600.00</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: center;">Under</td> <td></td> <td style="text-align: right;">\$2,937,981.00</td> </tr> <tr> <td style="text-align: center;">Over</td> <td style="text-align: center;">-</td> <td></td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	Other Items	\$2,913,581.00		Item Requested	\$30,000.00	\$5,600.00	YTD Actual		\$0.00	Amount Encumbered		\$0.00				50-60-81-88101	\$2,943,581.00	\$5,600.00	Request is over/under budget:			Under		\$2,937,981.00	Over	-		
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50-60-81-88101	\$2,943,581.00	\$5,600.00																														
Request is over/under budget:																																
Under		\$2,937,981.00																														
Over	-																															

**Resolution 2016-R-\_\_\_**

**A Resolution Approving a Proposal from Robinson Engineering LTD to Complete Design and Bid Documents for Cleaning and Televising Sanitary Sewers**

**BE IT RESOLVED** by the Village President and Board of Trustees of the Village of Round Lake as follows:

**Section One:** That the proposal from Robinson Engineering LTD to complete design and bid documents for Cleaning and Televising Sanitary Sewers, attached as Exhibit A, is hereby approved at a cost not to exceed \$5,600.00.

**Section Two:** That the Mayor, or his designee, is authorized to take all necessary steps to implement this Resolution.

**Section Three:** That this Resolution shall be in full force and effect from and after its passage and approval as required by law.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

AYES:

NAYS:

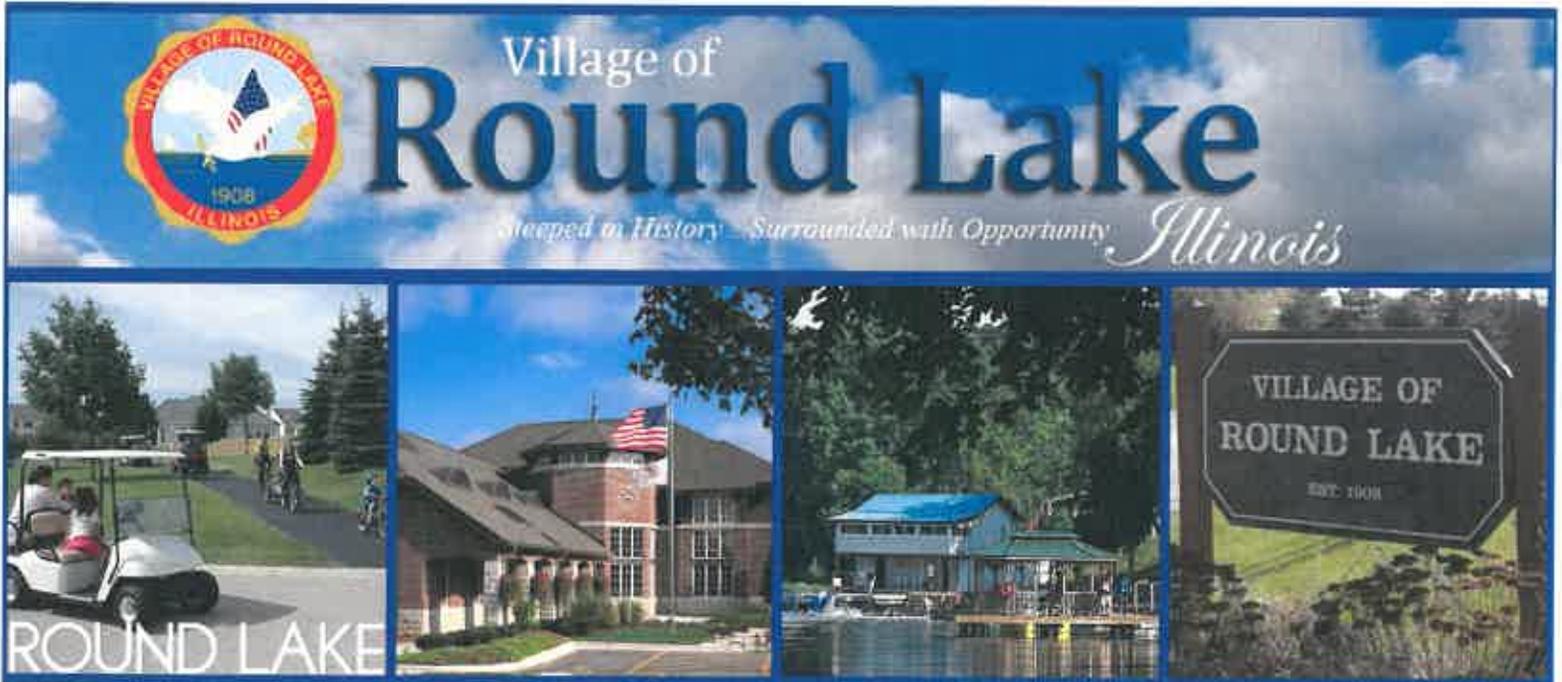
ABSENT:

**Exhibit A**

**Proposal from Robinson Engineering LTD**

# Proposal

Presented to the Village of Round Lake, IL  
Design Engineering Services for  
Cleaning and Televising Sanitary Sewers  
March 18, 2016  
12:00PM



*Municipal Expertise. Community Commitment.*

26575 W. Commerce Drive, Suite 512  
Volo, IL 60073  
ph. 815-806-0300  
f. 815-806-0301

Champaign, IL

Frankfort, IL

Itasca, IL

Kankakee, IL

South Holland, IL

Volo, IL

Merrillville, IN



## PROFESSIONAL ENGINEERING SERVICES

CONTENTS	SECTION NO.
Cover Letter	
Company Profile	1
Project Understanding & Plan	2
Project Team	
Project Experience	3
Certificate of Insurance	4
Proposed Fees <i>(Provided in separate booklet)</i>	



**THOMAS E. NAGLE, PE**  
Direct: (708) 210-5690  
[Tnagle@RELtd.com](mailto:Tnagle@RELtd.com)

March 16, 2016

Village of Round Lake  
Public Works Department  
751 W. Townline Road  
Round Lake, IL 60073

Attention: Adam Wedoff, Director of Public Works

RE: Design Engineering Services for Cleaning and Televising Sanitary Sewers

Dear Mr. Wedoff:

Robinson Engineering, Ltd. (REL) appreciates the opportunity to present this proposal of professional engineering qualifications to the Village of Round Lake. Our technical expertise in all facets of municipal engineering is highlighted by decades of dedication to Illinois municipalities, counties and state agencies. Now in our 79<sup>th</sup> year, we are honored to serve as the appointed municipal engineers to more than 60 communities, including 23 municipalities continuously for over 40 years, and we believe that our ingrained municipal focus will prove beneficial to Round Lake with any project we may undertake. We are also currently the lead operators in 11 wastewater collection and treatment systems, which gives an intimate knowledge of the problems associated with increased inflow and infiltration and the issues it brings to a town like Round Lake. Our submittal reflects our firm's commitment to providing cost-effective services through engineering excellence in any or all of the technical disciplines outlined in the Village's Request for Proposal.

Our 170-member organization is fully dedicated to providing quality professional engineering services to Chicagoland municipalities. As your engineering professional, we consider the successful attainment of your objectives as our primary goal, and will focus our resources to achieve your satisfaction. Though Robinson Engineering is fairly new to Lake County in general and Round Lake in particular, our recent staff additions include several seasoned professional engineers with 20+ years of experience in the region, including the wastewater superintendent of the Northwest Regional Water Reclamation Facility (NWRWRF), from his prior employment. In January 2015, we opened a Lake County office in Volo, a mere 5 miles from Round Lake.

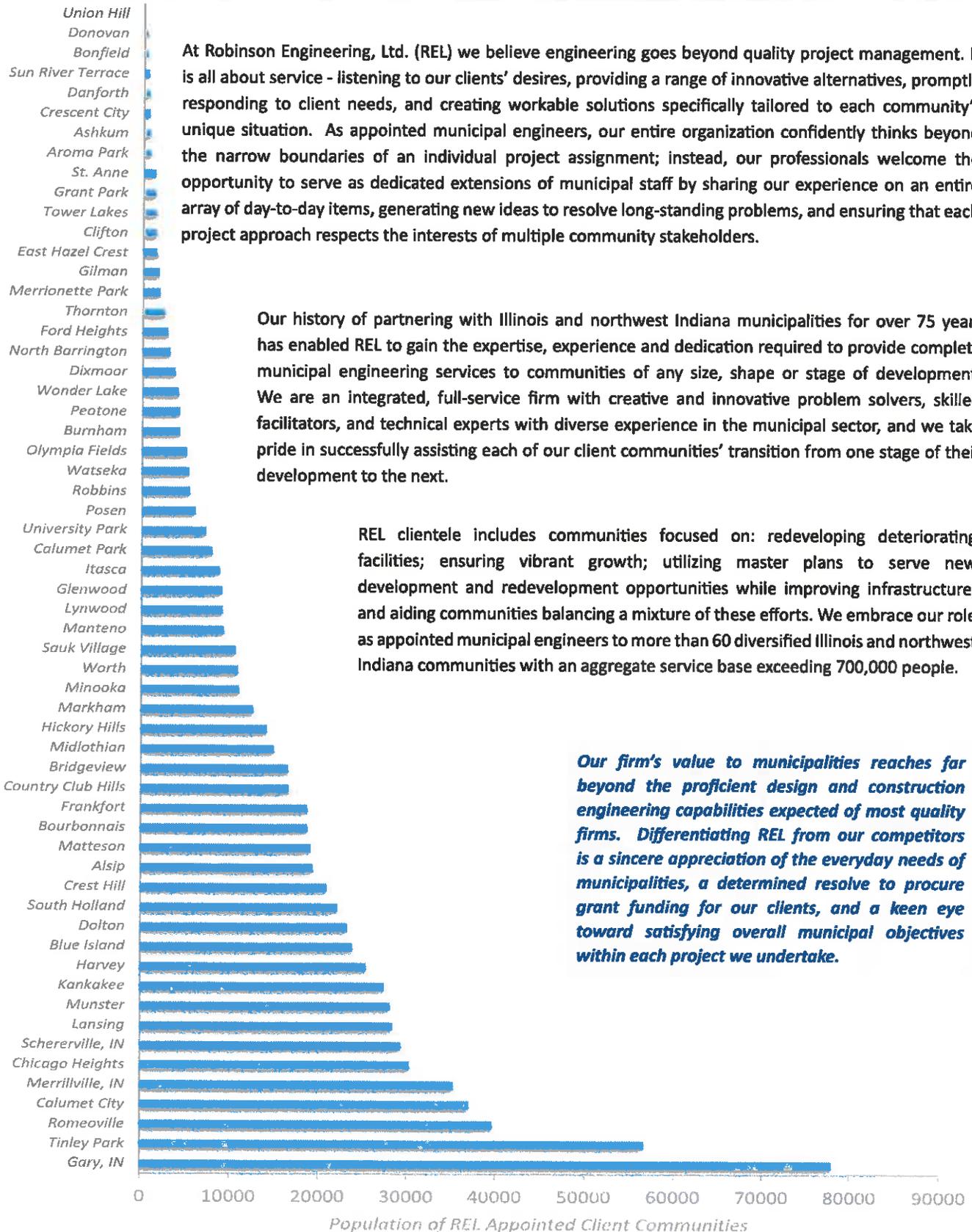
We thank you again for this opportunity to submit our proposal, and look forward to meeting with you to discuss how Robinson Engineering, Ltd. can assist the Village of Round Lake attain its objectives of televising and cleaning 75,000' of sanitary sewer with the ultimate goal of reducing inflow and infiltration. Please do not hesitate to contact me at your convenience with any questions you may have.

Very truly yours,

**ROBINSON ENGINEERING, LTD.**

Thomas E. Nagle, PE  
Vice President  
TEN:pc

# Company Profile



At Robinson Engineering, Ltd. (REL) we believe engineering goes beyond quality project management. It is all about service - listening to our clients' desires, providing a range of innovative alternatives, promptly responding to client needs, and creating workable solutions specifically tailored to each community's unique situation. As appointed municipal engineers, our entire organization confidently thinks beyond the narrow boundaries of an individual project assignment; instead, our professionals welcome the opportunity to serve as dedicated extensions of municipal staff by sharing our experience on an entire array of day-to-day items, generating new ideas to resolve long-standing problems, and ensuring that each project approach respects the interests of multiple community stakeholders.

Our history of partnering with Illinois and northwest Indiana municipalities for over 75 years has enabled REL to gain the expertise, experience and dedication required to provide complete municipal engineering services to communities of any size, shape or stage of development. We are an integrated, full-service firm with creative and innovative problem solvers, skilled facilitators, and technical experts with diverse experience in the municipal sector, and we take pride in successfully assisting each of our client communities' transition from one stage of their development to the next.

REL clientele includes communities focused on: redeveloping deteriorating facilities; ensuring vibrant growth; utilizing master plans to serve new development and redevelopment opportunities while improving infrastructure; and aiding communities balancing a mixture of these efforts. We embrace our role as appointed municipal engineers to more than 60 diversified Illinois and northwest Indiana communities with an aggregate service base exceeding 700,000 people.

*Our firm's value to municipalities reaches far beyond the proficient design and construction engineering capabilities expected of most quality firms. Differentiating REL from our competitors is a sincere appreciation of the everyday needs of municipalities, a determined resolve to procure grant funding for our clients, and a keen eye toward satisfying overall municipal objectives within each project we undertake.*

### KEY SERVICES

- Transportation systems
- Water distribution, design & modeling
- Water storage & treatment systems
- Wastewater collection & treatment
- Floodplain & stormwater management
- Development reviews & inspections
- Geographic information systems (GIS)
- Professional land surveying services

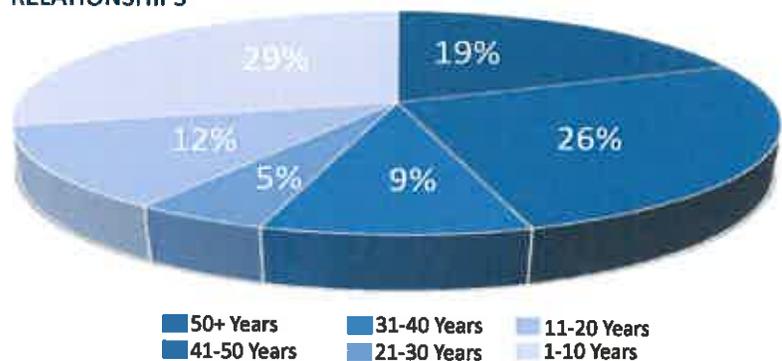
### RELATED SERVICES

- Grant applications & administration
- Letter-of-credit reviews
- Economic development initiatives
- Public safety issues
- Regulatory agency negotiations
- Public hearings
- Property owner consultation
- Annexation agreement negotiations
- Municipal ordinance updates
- Capital improvement plans
- Infrastructure O&M

*All of the services described above are performed in-house, with little or no reliance on sub-consultants, offering us the ability to quickly exert necessary project controls as needed to meet each client's schedule needs.*

Our strength in satisfying our clients is simple: the caliber of our people. We bring a lessons-learned background to every project that provides our clients with the ability to make informed choices, not just our preferences. Our experienced engineers, surveyors, planners, and resource specialists are committed to making a positive difference in the communities we serve by providing personalized service and expertise, recognizing that excellent work and integrity are mandatory for establishing the positive long-term relationships we seek.

### MUNICIPAL ENGINEERING RELATIONSHIPS



Our area history, project database and contact network serve as invaluable institutional resources for our client communities, as well as our dedication to verifying that all projects are implemented in accordance with municipal master plans. Technical expertise is supplemented by a 100% commitment to clients' best long-term interests via our long-standing policy of declining private sector work in communities we serve. Finally, we respect our clients' needs and fiscal realities by topping off all endeavors with **an extra dose of common sense**, a trait that our client communities have long respected about REL. These distinctive added value features have prompted dozens of client communities to continue retaining our services for decades, including 23 plus towns continuously for over 40 years.

Another REL hallmark is our active participation in the communities where we live, work, shop and worship. Nearly 90% of our current staff were raised and/or currently live in one of our client communities, and our firm offers a first-time homeowner benefit for employees who purchase their home in one of our client communities. Our professionals are personally involved in improving their local environments and quality of life for their families and neighborhoods, and this level of care is evident in the projects we manage. By personally valuing each and every client and project, REL aims to do more than just meet expectations; we strive to exceed them each and every day.



**MUNICIPAL ENGINEERING**

- Grant applications
- Development reviews
- Capital improvement plans
- Infrastructure master planning
- Ordinance updates

**TRANSPORTATION**

- Transportation planning
- Roadway reconstruction
- Traffic signals
- Street lighting
- Bike trails

**STORMWATER MANAGEMENT**

- Stormwater detention
- Floodplain management
- Storm sewer systems
- Hydraulic studies
- Best management practices

**WASTEWATER**

- Conveyance systems
- Treatment facilities
- Lift stations
- Infiltration/Inflow studies
- EPA/MWRD compliance

**WATER**

- Supply & distribution systems
- Storage facilities
- Pumping facilities
- Treatment facilities
- System modeling

**SITE DEVELOPMENT**

- Site grading
- Parking lots
- Parks & recreational facilities
- Wetlands mitigation
- Sustainable development

**LAND SURVEYING**

- ALTA surveys
- Plats of highway
- Easement/right-of-way plats

**GIS/MAPPING**

- Database management
- Community mapping
- Utility mapping

**CONSTRUCTION MANAGEMENT**

- Field staking & layout
- Construction inspection
- Project management

**ROBINSON PROFESSIONAL STAFF @ A GLANCE**

- 44 Professional Engineers (PE)
- 1 Licensed Structural Engineer (SE)
- 5 Professional Land Surveyors (PLS)
- 13 Certified Floodplain Managers (CFM)
- 5 Leadership in Energy & Environmental Design Accredited Professionals (LEED AP)
- 1 Certified Planner (AICP)
- 4 Professional Engineering Interns (PEI)
- 5 Certified Professionals in Erosion & Sediment Control (CPESC)
- 2 Professional Traffic Operations Engineers (PTOE)

**ROBINSON FIELD STAFF @ A GLANCE**

- 24 Resident Engineering Technicians
- 23 IDOT Documentation Certified Personnel
- 4 Certified Erosion & Stormwater Inspectors (CESSWI)
- 2 Certified Survey Technicians
- 8 INDOT Certified Highway Inspectors
- 4 IDOT Certified Bridge Inspectors
- 9 Certified Public Infrastructure Inspectors



**PROFESSIONAL REGISTRATIONS**

Registered Professional Engineers	AZ	CA	CO	IL	IA	IN	MI	WI	CFM	PTOE	CPESC	LEED AP
Geoff Aggen				•					•			
Erik M. Alvarez				•								
Patricia K. Barker				•					•			
John J. Beissel				•								
Kevin J. Biscan				•								
George D. Budwash				•		•						
Van Calombaris				•		•						
Joseph W. Cucio				•		•						
William J. Cussen	•			•	•	•	•	•				•
James M. Czarnik				•		•						
William P. Dolan				•					•	•		
Jason L. Douthett				•		•						
Jonathan D. Flowers				•								
Aaron E. Fundich				•		•						
Harry L. Gilmore, Jr.				•								
Troy A. Golem				•								
Gregory S. Gruen				•								
James P. Hus, Jr.						•						
Michael Johnson				•								
Sean P. Kelly				•					•		•	
Christopher J. King	•			•		•	•					
Jefferey A. Koza				•					•			
Dana E. Ludwig				•					•		•	•
James M. Mandon						•						
Amy S. McKenna				•								
Thomas E. Nagle								•				
Joseph M. Nordman				•		•			•			
Carrie A. Pintar				•		•			•		•	
Jeffrey C. Pintar				•					•			
Russ W. Prekwas						•		•				
Jennifer S. Prinz				•		•			•			
Ernest R. Roberts III				•		•						
David W. Shilling				•		•						
Michael R. Spolar				•					•	•	•	
Albert K. Stefan				•								
Michael B. Stone				•								
Lisa J. Taccola				•								
Edward J. Tunelius				•								
David Tyson			•	•		•						
Mark A. Wesolowski				•			•		•			
Ronald J. Wiedeman				•		•						
Sarah C. Winter				•								•
Jonathon A. Zabrocki		•	•	•	•				•		•	•
Steven G. Zehner				•				•				•
<b>Registered Structural Engineer</b>												
Christopher J. King				•								
<b>Professional Land Surveyors</b>												
Kevin J. Biscan				•								
John Barrett				•								
Randell E. Gann				•		•						
Brad K. Lueders				•								
David Tyson				•								

**Floodplain Managers**

Rick Clevenger                      Joel R. Drabicki                      Jonathan J. Dykstra                      Ronald E. Smith

**Professional Engineer Interns**

Robert W. Borchering                      Greg A. Kamplain                      Steven Kaminsky                      Jacob C. Wellbank

**Certified Erosion, Sediment and Storm Water Inspector (CESSWI)**

Douglas E. Breshock      John M. Fitzpatrick      Bruce A. Stone      David A. Webber

**Certified Planner (AICP)**

Maura A. Rigoni

**Certified Hazardous Materials Manager**

Steven G. Zehner

**Certified Public Infrastructure Inspector**

Joey Anderson	John M. Fitzpatrick	David A. Webber
Robert W. Borchering	Jay K. Lauritzen	
Doug E. Breshock	Michael B. Stone	
Joseph W. Cucio	Lisa J. Taccola	

**Certified Survey Technicians**

Robert J. Gamboa      Jay K. Lauritzen

**Geographic Information Systems Professional (GISP)**

Frank A. Bava      Edward K. Rudd

**ACI Concrete Field Testing Technician-Grade I**

Jason L. Douthett      Marc T. Mayotte      Michael B. Stone

**IDOT Certified Bridge Inspectors**

Douglas E. Breshock      Jefferey A. Koza      James P. Hus      Christopher J. King

**IDOT Documentation Certified Personnel**

Joey Anderson	John M. Fitzpatrick	Jay K. Lauritzen	Michael R. Spolar
John J. Beissel	Robert J. Gamboa	Marc T. Mayotte	Michael B. Stone
Robert W. Borchering	Adam Glens	David J. McGrath	Lisa J. Taccola
Douglas E. Breshock	Troy A. Golem	Carrie A. Pintar	Jason W. Vandercar
Joseph W. Cucio	James P. Hus	Scott E. Ranger	David E. Webber
Jason L. Douthett	Jefferey A. Koza	David W. Shilling	

**INDOT Certified Inspectors**

Robert W. Borchering	Lyle Hannigan	Steven J. King	David W. Shilling
Jason L. Douthett	James P. Hus	Jefferey A. Koza	Michael B. Stone

**US Army Corps of Engineers Construction Quality Management for Contractors**

Doug E. Vanderbilt

**IEPA Wastewater Treatment Plant Operator**

Terrence L. Grom, Classes 1, K      William L. Liszka, Class 1  
Richard A. Leber, Class 1      Donald L. Matthews, Class 1

**IEPA Wastewater Collection System Operator**

Robert W. Borchering      John M. Fitzpatrick      Thomas E. Nagle  
Robert J. Csanyi      Rodney D. Phillippi

**IEPA Water Supply Operator**

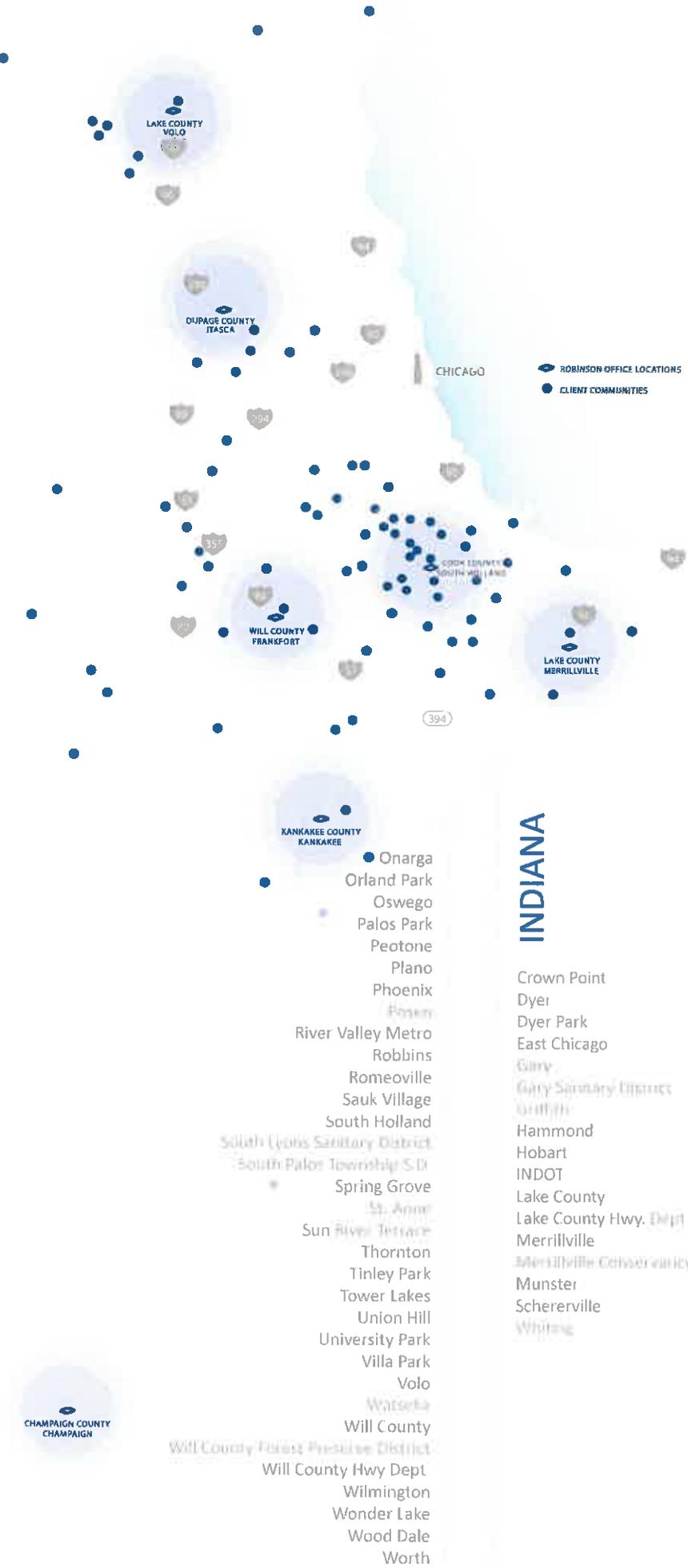
John M. Fitzpatrick, Class B      William L. Liszka, Class A      Thomas E. Nagle, Class C  
Richard A. Leber, Class A      Donald L. Matthews, Class A      Rodney D. Phillippi, Class C

**NACE Coating Level 1 Inspector**

Richard A. Leber

ILLINOIS

- Alsip
- Aroma Park
- Ashkum
- Bensenville
- Berkeley
- Blue Island
- Bonfield
- Bourbonnais
- Bridgeview
- Burnham
- Calumet City
- Calumet Park
- Calumet Township
- Channahon
- Chicago Heights
- Clifton
- Coal City
- Cook County Hwy Dept.
- Country Club Hills
- Crescent City
- Crest Hill
- Danforth
- Dixmoor
- Dolton
- Dolton Park District
- Donovan
- Downers Grove
- East Hazel Crest
- Elmhurst
- Elwood
- Ford Heights
- Frankfort
- Gilman
- Glenwood
- Hainesville
- Harvey
- Hazel Crest
- Hickory Hills
- Highland Park
- Homer Glen
- Homer Township
- IDOT
- Island Lake
- Itasca
- Kankakee
- Kankakee County
- Kimberly Heights S.D.
- Lakebrook
- Lansing
- LaSalle
- Lombard
- Lynwood
- Manhattan
- Manteno
- Markham
- Matteson
- McHenry County
- Menardette Park
- Middleton
- Minooka
- Mokena
- Momence
- Monee
- Mount Prospect
- Morris
- North Barrington
- Olympia Fields



INDIANA

- Onarga
  - Orland Park
  - Oswego
  - Palos Park
  - Peotone
  - Plano
  - Phoenix
  - Posen
  - River Valley Metro
  - Robbins
  - Romeoville
  - Sauk Village
  - South Holland
  - South Lyons Sanitary District
  - South Palos Township S.D.
  - Spring Grove
  - St. Anne
  - Sun River Terrace
  - Thornton
  - Tinley Park
  - Tower Lakes
  - Union Hill
  - University Park
  - Villa Park
  - Volo
  - Watsela
  - Will County
  - Will County Forest Preserve District
  - Will County Hwy Dept.
  - Wilmington
  - Wonder Lake
  - Wood Dale
  - Worth
- Crown Point
  - Dyer
  - Dyer Park
  - East Chicago
  - Gary
  - Gary Sanitary District
  - Hammond
  - Hobart
  - INDOT
  - Lake County
  - Lake County Hwy. Dept
  - Merrillville
  - Merrillville Conservancy District
  - Munster
  - Schererville
  - Whiting

# Project Understanding & Plan

Robinson Engineering, Ltd. (REL) works to lead a rigorous, collaborative process with Round Lake to make sustainable, functional, and inspiring projects that serve the public interest while providing excess value to our client communities. Our experienced team is dedicated to assisting our public clients achieve their goals and is fully qualified and experienced in providing the entire array of wastewater planning and design engineering services using existing in-house personnel. Our 79-year history with



Chicagoland municipalities has prepared our firm to assist communities such as Round Lake to meet today's challenges in the ever-changing and complex field of wastewater operations.



During the past decade, REL has master planned, designed, and managed the construction expansion and rehabilitation of wastewater facilities throughout several fast-growing municipalities in Northern Illinois and Northwest Indiana. In addition to the technical design and construction engineering aspects of wastewater treatment plant rehabilitations, expansions, or abandonments, our firm possesses, extensive experience with every facet of the wastewater facilities planning process including sewer system evaluations, environmental surveys, wastewater treatment plant upgrades, computerized receiving stream water quality models, anti-degradation analyses, National Pollutant Discharge Elimination System (NPDES) permit updates, negotiations with environmental groups over effluent limits, facilities planning area amendments, interceptor sewer and pump station projects, long-range population planning, Chicago Metropolitan Agency for Planning (CMAP) and Illinois Environmental Protection Agency (IEPA) public hearings and reviews, IEPA low-interest loan funding, and nearly every other project management aspect conceivable in the wastewater facilities planning and implementation process.

As much as land development fueled the growth in the wastewater treatment side of the industry over the past decade, we have still maintained our long-standing expertise in infrastructure rehabilitation programs for facilities that have neared the end of their service lifetimes. Collection system rehabilitation are common projects among many of our long-time client communities that have experienced a major growth, have lived with excessive inflow/infiltration(I/I), basement backups, and sanitary sewer overflows (SSO) for extended periods of time. Whereas many suburban communities were caught off-guard a generation ago by mandates from IEPA, we find that today many of them do a fine job of keeping up with infrastructure Operations and Maintenance (O & M) as they see operational cost savings resulting from their efforts. These factors have kept Robinson Engineering at the forefront of the latest in sewer rehabilitation technologies, energy efficiency capabilities for pumping stations, and supervisory control and data acquisition (SCADA) systems since the 1980's.



*Simply put, municipal engineering is what we do.* We understand the types of challenges confronted by local municipalities like Round Lake in balancing public infrastructure needs with limited resources during the challenging economic times we face together. As appointed professional engineers to nearly 60 suburban communities, we consider it our duty to provide practical, innovative, and cost-effective solutions to everyday problems with a “can-do” dedication to service, viewing no problem too small or too large for us to resolve. All sectors of our organization possess decades of experience approaching problems from an ingrained municipal perspective that consistently rejects short-term fixes in favor of providing the best long-term solutions. We also have a full-time grant writer who continuously monitors federal and state funding opportunities for our client communities for all types of grants, whether related to an engineering project or not, as well as an extensive network of local, state, and national contacts we share as resources to provide excessive value to municipalities beyond standard engineering services.

#### **SSES CAPABILITIES**

Robinson Engineering, Ltd. has been a recognized leader in the field of Sanitary Sewer System Evaluation and rehabilitation for over 40 years. A decade prior to the Capacity, Management, Operation and Maintenance (CMOM) acronym gaining momentum in the early 1990's, REL had already been assisting nearly 25 south suburban communities tributary to the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC, formerly Metropolitan Sanitary District (MSD)) to isolate, identify and remove cost-effective sources of inflow/infiltration (I/I) into their sanitary sewer systems. In the mid-1980's, faced with a lawsuit from USEPA for illicit discharges into Lake Michigan and other waterways, the MSD mandated the Inflow/infiltration Corrective Action Program (ICAP) throughout its roughly 125 tributary communities, requiring them to do comprehensive system investigations, cost-effective analyses, and rehabilitation of I/I sources in their separate sanitary sewer systems. Just recently (2015) the MWRD reinstated a new I/I reduction program. By virtue of its long-standing role as village/city engineers in roughly 20% of the communities facing the mandate, Robinson became extremely well-versed with the Sewer System Evaluation Survey (SSES) processes, as well as designing cost-effective rehabilitation programs, pioneering the use of trenchless technologies in the Chicago land region, and became very accustomed to negotiating on behalf of the suburban communities' with MWRD officials regarding technical aspects of their programs, as well as with IEPA regarding securing federal Clean Water Act grant funding to defray the significant costs faced by local municipalities.

Robinson had successfully engineered SSES projects such as sewer televising, flow monitoring, manhole inspections, smoke testing, dyed water flood testing, and building surveys investigations. The same is true for our design and construction engineering workload for sewer rehabilitation work. While many towns were unexpectedly forced into learning about repairing their sewer system a generation ago, many of those same communities now recognize that their continued Operation and Maintenance (O & M) efforts paid off in the form of lower pumping and treatment costs, less property damage from basement backups or sewer overflows, and a higher quality of life for their citizens.

Robinson owns, maintains, and leases 20 automated flow monitors for use by their client communities desiring to isolate areas containing high I/I. These are typically installed for 2-3 months until at least three significant storm readings can be obtained, and the data is downloaded and analyzed by Robinson technical staff with reports presented to the community. While most early mandated SSES activity was in communities that own and maintain only collection systems (MWRD treatment), the past decade has seen many more communities such as Round Lake with their own treatment facilities take sincere interest in reducing I/I and finding that it costs far less to remove a certain amount of flow from the system than it does to unnecessarily expand their collection and treatment facilities.



Similarly, Robinson owns, maintains, and conducts smoke testing and dyed water flood testing equipment to perform higher level investigations that further isolate and quantify I/I sources. We also perform manhole inspections and conduct Global Positioning System (GPS) to locate all facilities for purposes of linking spatial field data to community Geographic Information System (GIS)-based asset management programs. All of this work, with the exception of sewer televising, is performed in-house by Robinson personnel.

Our approach to SSES projects is generally methodical yet cost-effective. Some communities have the resources and the desire to pursue comprehensive system-wide investigative efforts (i.e. televise entire sewer system) while others simply don't have the resources. In these cases, we take a multi-tiered approach to work within a community's fiscal constraints to try to achieve the 'biggest bang for the buck', meaning we seek to isolate, identify, and remove the most I/I at the lowest cost.

Installation of automated flow meters at strategic points in the collection system can be a relatively inexpensive to quantify dry and wet weather flows for various areas. Rainfall records should also be analyzed to provide some type of comparison during similar storms. Areas identified to be the highest per capita or per foot of sewer length could be further subdivided for additional monitoring, or if prudent, scheduled for a pilot area of smoke testing to identify sources of extraneous flow connected to the sanitary sewer. Smoke testing is generally a very inexpensive means to perform at least preliminarily whether sewer pipes are in sufficiently poor condition to warrant more expensive cleaning and televising operations.

Similar to a flowchart, the results of one investigation typically leads to a "YES" or "NO" answer whether to perform another, more detailed, and more expensive test in certain areas. The objective of having a hierarchy of investigations is to conduct the most detailed, costly investigations in the fewest areas possible and by virtue of the lesser tests preceding them, being able to achieve positive results.

Our SSES capabilities and experience far exceed most other Illinois municipal engineering consultants. We are fully capable of exceeding the Village expectations in the sewer system rehabilitation area by essentially serving as a one-stop shop for the entire program other than televising work. In the past we've either subcontracted sewer televising work out to area contractors, or if a large enough scope of work exists, set up a separate televising contract to be bid competitively in accordance with municipal regulations.



Our Water Resource Department includes a half-dozen professional engineers who specialize in water and wastewater engineering. Water and wastewater treatment, pumping stations, conveyance, distribution, storage systems, pre-treatment systems, computerized hydraulic modeling, and inflow/infiltration studies are just a portion of what this team does. The group also includes two former municipal Utilities Directors who hold the top Illinois operator licenses in both water and wastewater and two other licensed water operators. Together with an SSES field team that has accredited personnel leading field investigations and system evaluations, our expert utility operations team is available to assist communities to troubleshoot all types of water and wastewater issues that may arise.

The following pages provide brief summaries of our firm's technical capabilities in the wastewater facilities planning, design and rehabilitation fields, and a snapshot of our recent sewer rehabilitation project experience. We thank the Village staff for taking the time to consider Robinson Engineering, Ltd.



### Approach

Our approach to the cleaning and televising project as outlined by the Village of Round Lake in its request for proposals (RFP) will draw upon our extensive SSES experience to provide Design Engineering Services for Cleaning and Televising approximately 75,000 sanitary sewers and to structure a work plan from which Round Lake can successfully and cost-effectively achieve its goals with the ultimate goal of finding I/I sources and cost effectively removing the I/I. Our approach to performing the tasks enumerated in the Request for Proposals will maintain an overriding sense of purpose *to provide the highest level of service to meet the objectives of the Village of Round Lake.*

### Work Plan

One of the cornerstones of our overall work plan will include following an effective communications protocol throughout the entire project duration which will be a priority to establish during the initial project kick-off meeting. We envision performance of the following other detailed activities:

### Project Initialization

Prior to the initial project meeting, REL will conduct a field visit to better familiarize ourselves with important features throughout Round Lake and review sanitary atlases, aerial topographic maps, GIS data, and other available information to enable our staff to quickly learn about the Village's sewer system, any "hot spots" prone to surcharging, overflows, and/or basement backups, and other pertinent details. Finally, we will verify that the Village's expectations regarding milestone dates, project schedule, and project deliverables are clarified and agreed to.



Our experience has been that local communities know their systems best as such we would seek to work together with Village staff to agree upon a detailed project approach.

### Recommended Plan

Plans and specification will be managed by Robinson with the physical work being performed by a contractor specializing in this area. We will develop plans, specifications, and contract documents to publicly bid the televising and cleaning work. We will also be preparing a probable cost estimate for the project. After bids are opened, we will review the bids to provide an award recommendation.

### Bidding Documents

The preparation of all plans, specifications, contract documents, and permit applications at Robinson undergo rigorous quality assurance reviews from our technical, municipal, and construction departments. Company policy requires that our Director of Engineering certifies that QA/QC reviews have taken place prior to plan reproduction activities taking place, ensuring that all plan sets reaching our valued clients regulatory agencies and prospective bidders meet the highest possible standards.

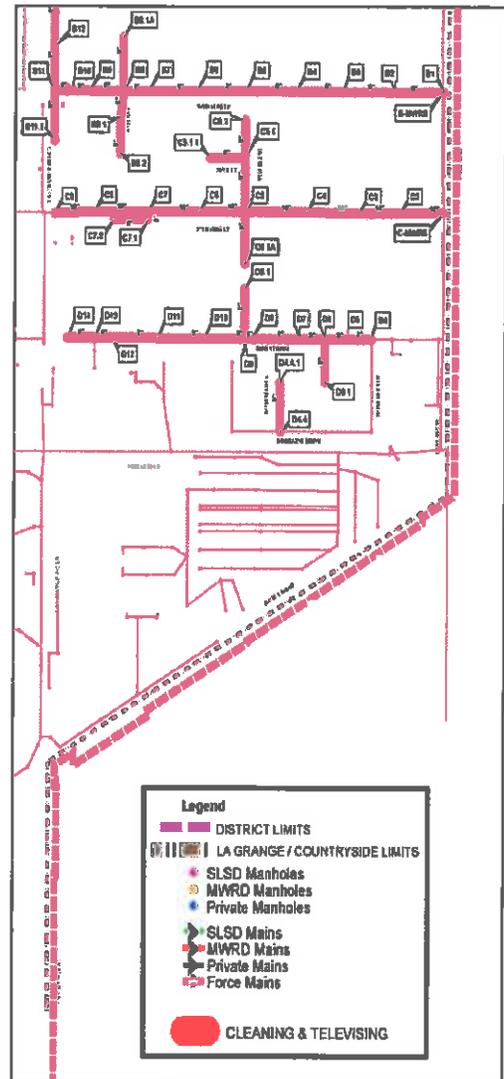


## Plans and Specifications

The plans and specifications will be prepared for approximately 75,000' sanitary sewer cleaning and televising. The bidding specifications will follow National Association Sewer Service Companies (NASSCO) standards. The contractor will be required to provide certified NASSCO employees for this project.

The contractor will be required to provide the following for each sewer segment investigated, high resolution video, digital spreadsheet as well as in PDF, and paper format that includes the following information:

- Date and Time televised
- Name of Inspection company and Name of TV control technician
- Project Number
- Sewer pipe ID (non-abbreviated structure-to-structure numbers in their entirety)
- Sewer line section location (street name, address nearest to each manhole)
- Sewer pipe size
- Sewer pipe material
- Sewer pipe length
- Depth of sewer in each manhole to within plus or minus 0.1 feet
- Manhole rating based on infiltration/deterioration (poor = 1, fair = 2, good = 3)
- Sewer section joint length
- Upstream Manhole ID (provided by the Owner or Authorized Representative)
- Downstream Manhole ID (provided by the Owner or Authorized Representative)
- Name of the inspection video file for the sewer pipe
- Direction of flow and direction of camera movement in sewer line
- Root intrusion and mineral deposit locations and descriptions
- Notes on changes in sewer line grades, sewer dips, sags, etc.
- Sewer service line locations (distance from the upstream manhole)\*
- Sewer service line connection type (Y or T)
- Position of the Sewer service line on the periphery of the sewer pipe\*
- Sewer service line status (active/capped)
- Pipe damage and character, type and location of such damage
- NASSCO overall pipe severity ranking
- Other problems or remarks



## Village of Round Lake

### Design Engineering Services for Cleaning and Televising Sanitary Sewers

Task	Start	Duration (Working Days)	Finish
Start Date	Mon 5/2/16		
Data Collection, Preliminary Design Meeting with Round Lake	Mon 5/2/16	2 days	Tue 5/3/16
Review Atlas, Determine Sub-basins, Quantify 75,000' of Sewers	Wed 5/4/16	5 days	Tue 5/10/16
GIS Exhibits	Wed 5/11/16	5 days	Tue 5/17/16
Client Review	Wed 5/18/16	2 days	Thu 5/19/16
Engineering, Plans, Specifications and Cost Estimate	Fri 5/20/16	2 days	Mon 5/23/16
Client Review	Tue 5/24/16	2 days	Wed 5/25/16
Prepare Final Plans and Specifications	Thu 5/26/16	2 days	Fri 5/27/16
Advertisement	Mon 5/30/16	10 days	Fri 6/10/16
Review Bids, Bid Tabulation and Recommendation	Mon 6/13/16	2 days	Tue 6/14/16

*June 15, 2016 is the RFP completion date*

## Project Experience

**CLIENT CONTACT**

Paul Burris,  
Utilities Director  
815-741-5123

**PROJECT MANAGER**

Aaron E. Fundich, PE

**PROJECT COST**

\$5,600,000

**PROJECT DURATION**

2008 - Present



## CITY OF CREST HILL, IL Sewer Lining - IEPA Loan 09-248

In the spring of 2009, the results of the previous year's sewer studies led to the systematic removal of infiltration and inflow through two sanitary manhole rehabilitation projects and then in 2011, a large scale sanitary sewer lining project.

The City and REL contacted IEPA and pursued a loan for this very important project. In October of 2011, the City awarded a \$5.6 million construction contract to Insituform Technologies USA, Inc. to complete the sanitary sewer rehabilitation work. The construction, being overseen by REL, began in December 2011 and was completed in January 2013.

The City and REL successfully secured project funding through a \$6,042,250 loan from IEPA which included a 25% principal forgiveness and an extremely low 1.25% interest rate over 20 years for the remaining \$4,531,688 principal amount, essentially resulting in a \$1.5 million grant toward the project.

The first phase in the construction project included preparatory cleaning and televising in preparation for sewer lining. This work was conducted by means of using a high pressure water jet nozzle to scour the insides of the clay sewer pipes with abrasive cleaning force up to 2000 psi.

Shortly thereafter, the CIPP process began with the insertion of a felt tube into an upstream manhole. The felt tube which had been impregnated with a specially formulated thermo-setting epoxy resin was inverted by use of water pressure and/or air pressure all the way through the sewer to the next downstream manhole.

This sewer lining project was unique in that it included mainline grouting of sewer joints in areas where truss & pvc pipe was found to be leaking. It also included service lateral grouting for close to 2,000 service lateral connections from the main up to a distance of 4 feet up the service lateral.

### KEY PROJECT ELEMENTS

- Phase 1 Preparatory Cleaning and Televising , Dye Testing
- Phase 2 Cured-in-place Pipelining and Mainline Joint Grouting
- Phase 3 Service Lateral Grouting

### RESULTS

- Close to 123,000 feet of Cured-in-Place Pipelining
- Close to 2,000 Service Laterals Grouted
- Over 1900 service lateral reinstatements
- Over 500 mainline joints air tested, 80 joints grouted
- Close to 150 protruding taps cut
- Installation of 4 new manholes
- Raising of 6 manholes previously buried
- Installation of 1 short liner and 1 transition liner, 8"-10"

**CLIENT CONTACT**

Paul Burris,  
Utilities Director  
815-741-5123

**PROJECT MANAGER**  
Aaron E. Fundich, PE

**ENGINEERING FEE**  
\$540,000

**YEAR COMPLETED**  
2009



## CITY OF CREST HILL, IL

### East & West Basin Sewer Investigations

On October 6, 2008, after years of impacts ranging from sewer manhole overflows to basement backups, the Crest Hill City Council authorized a Sewer System Evaluation Survey (SSES) for the majority of its eastern sanitary sewer basin. The purpose of this multi-faceted investigation was to isolate and identify sources of extraneous flows, commonly referred to as infiltration and inflow (I/I) entering and overloading the sanitary sewer system, and to develop a plan of action for remedying these defects.

The first task in the project was to identify the sanitary sewer system's structural defects through field inspections. REL performed manhole inspections and Global Positioning System (GPS) locates on 898 sanitary manholes in the City's East and West Basins, to locate manhole defects that contribute I/I and to create a new sewer atlas. Next was smoke testing of 153,000 lineal feet of sewer, which located major I/I defects such as cross connected catch basins and directly connected downspouts. We followed up smoke testing with dyed water flooding in order to pinpoint and accurately quantify how much I/I was being contributed from each defect. Dyed water flooding was done in conjunction with Closed Circuit Televising (CCTV) of the sewer mains. CCTV data was reviewed and then recommendations for rehabilitation were made including cured-in-place pipelining and sewer point repairs.

Public relations was a big part of the success in the project as public notices were sent out to all residents affected by the fieldwork and a public informational meeting was held to address concerns raised by the general public.

Additionally seven (7) American Sigma model 910 flow meters and one electronic rain gauge were installed in the City's West Basin sewers to measure wet and dry weather flows for this area. Robinson Engineering, LTD collected metered data on a weekly basis and made analyses to balance the flows measured at the meters with the flows identified through the physical defects found in the system.

#### PROJECT COMPONENTS

- ◀ Phase 1 – Field Inspections, exhibits and mapping
- ◀ Phase 2 – Flow Monitoring & Analyses, CCTV data review
- ◀ Phase 3 – Report & Recommendations, New Atlas

#### PROJECT RESULTS

A final report and recommendations were made prioritizing rehabilitation efforts where the most amounts of inflow sources were found, allowing removal of this I/I and bringing the highest benefit to the sewer system users.

- East and West Basin Manhole Rehabilitation Project
- Sewer Point Repair Project
- East and West Basin Sewer Rehabilitation Project
- 4,821 GPM/6.94 MGD of Infiltration and Inflow identified
- Recommendations for Private Sector Defects
- A New Sanitary Sewer Atlas in GIS

**CLIENT CONTACT**

David Mekarski  
Village Administrator  
(708) 503-8000

**PROJECT MANAGER**

Thomas E. Nagle, PE

**CONSTRUCTION COST**

\$5,850,000

**YEAR COMPLETED**

1990-2010



## VILLAGE OF OLYMPIA FIELDS, IL 3-Year Sanitary Sewer Rehabilitation Plan

The purpose of this three-year program was to investigate and assess the condition of older clay sewers and precast manholes to determine and apply the most cost effective sewer rehabilitation methods to reduce stormwater infiltration and inflow (I/I) targeting older subdivisions. The Village of Olympia Fields owns and operates a separate sewer system consisting of about 181,000 feet of gravity sewer with about 860 manholes. They also have about 19,000 linear feet of force main and maintain 10 lift stations.

### KEY PROJECT ELEMENTS

- Reduce storm water I/I entering the sanitary sewer system, targeting older subdivisions within the Village of Olympia Fields, Illinois
- Flow Monitoring—determination of worst I/I locations
- Sewer Cleaning and Televising—restore capacity and examine physical condition
- Manhole Inspections—examine condition / determination of structural defects
- Smoke Testing—determine inappropriate storm water connections and assess infiltration potential of building connections
- House Inspections—determine inappropriate storm water connections to the sanitary sewer
- 81,000 of Cured-in-Place Pipe Lining to reduce infiltration and restore structural integrity
- 440 Manholes rehabilitated to reduce I/I and restore structural integrity
- Disconnections of inappropriate private sector connections through house inspections and smoke testing results

### PROJECT RESULTS

- Restored capacity to sewers with internal sewer cleaning and televising
- Reduced I/I and backups during storm events-village wide
- Rejuvenated an aging sewer system, increasing its useful life for an additional 50+ years

**CLIENT CONTACT**

David A. Mekarski, AICP  
Village Administrator  
(708) 503-8000

**PROJECT MANAGER**

Thomas E. Nagle, PE

**CONSTRUCTION COST**

\$1,500,000  
\$500,000 from Army Corps  
\$1,000,000 from Village Funds

**YEAR COMPLETED**

2015



## VILLAGE OF OLYMPIA FIELDS, IL Inflow and Infiltration Reduction Sewer Lateral Lining

Like most sewer systems this age, the existing sanitary sewer lines have severely deteriorated over time. Rain storms with high intensities and short durations have been occurring more frequently causing the sanitary sewer system to experience overflows and basement backups in the Graymoor subdivision.

All the public sewers were inspected and rehabilitated. It was determined that the defect was in the lateral lines. Therefore the Village elected to improve the laterals by installing a cured in place pipe liner. The Village of Olympia Fields partnered with the United States Army Corps of Engineers (USACE) to obtain funding to complete the sewer lateral lining project. The construction was phased with a USACE portion consisting of work within the public right-of-way and the Village funded construction that was occurring on private property.

Robinson Engineering, Ltd. (REL) designed the project according to the USACE standards as well as performed the construction engineering. A main component of the project was coordination with 141 property owners within the subdivision to sign a waiver allowing the Village, contractor and REL to enter private property to install the lateral liners from the main line sewer in the right-of-way to the home. This coordination took multiple public meetings and mailers. In the end over 94% of the home owners signed up for the lateral lining.

The lateral lining will be constructed utilizing trenchless technologies. The liners will be launched from within the sanitary sewer, minimizing excavation. This type of construction is very cost effective in fully developed areas with established landscape and large trees such as the Graymoor subdivision.

### KEY DESIGN COMPONENTS

- Phase 1 – Determine sewer basins tributary
- Phase 2 – Flow monitor and collect data
- Phase 3 – Analyze flow data
- Phase 4 – Prepare plans and specifications for lateral lining
- Phase 5 – Conduct public meetings to get community/stakeholder “buy-in”
- Phase 6 – Install liners
- Phase 7 – Analyze post rehabilitation flow data

### PROJECT RESULTS

This project will decrease the amount of rain water entering the sewer system. This will in turn reduce the number of sanitary sewage overflows and basement backups in the sewer system. It will also reduce the cost to operate the system with savings in electrical energy for pumping and treating rain water, public works call outs and potential claims for flooding.

**CLIENT CONTACT**

Kevin Workowski  
Assistant Public Works Director  
(708) 444-5540

**PROJECT MANAGER**

Jennifer S. Prinz, PE, CFM

**ENGINEERING FEE**

\$87,000

**YEAR COMPLETED**

2007



## VILLAGE OF TINLEY PARK, IL SSES Pilot Area

In December of 2006 a 4-block pilot area, bounded by 167th Street to 171st Street, between Ridgeland Avenue and Oak Park Avenue, was selected to do a full Sewer System Evaluation Survey (SSES). The area represents a cross-section of Tinley Park having single family and multi-family homes, as well as some commercial and light industrial buildings. Manhole Inspections, smoke testing, dyed water flooding, building inspections, flow monitoring, Global Positioning System (GPS) locates, and closed circuit televising (CCTV) of the sanitary sewer mains and private service laterals were performed.

The first task was to identify the sanitary sewer system's structural defects through field inspections. Manhole inspections and CCTV were performed to locate the defects that contribute to infiltration and inflow (I/I) as well as to locate manholes that were not previously shown on the sewer atlas. Next, private sewer service laterals were televised using a Lateral & Mainline Probe (LAMP) allowing for inspections of the lateral lines from the mainline without the need for access to private property. After lateral televising, smoke testing, and dyed-water flooding of the sanitary sewers was performed to locate major I/I defects. Public notices were sent to all residents affected by the fieldwork and a public informational meeting was held to address concerns raised by the general public. Building inspections were conducted to locate additional I/I coming from the private buildings, which typically included improper sump pump connections. The physical field inspections were followed with GPS locates on all storm and sanitary structures to produce an accurate map of the pilot area. Finally, two American Sigma model 910 flow meters were installed in the sewers to measure wet and dry weather flows for this area. Robinson Engineering collected metered data on a weekly basis and made analyses to balance the flows measured at the meters with the flows identified through the physical defects found in the system.

### KEY PROJECT ELEMENTS

The field inspections were completed in October of 2007 when the two flow meters were removed. The report and recommendations were made prioritizing rehabilitation efforts where the most amounts of I/I sources were found, allowing for removal of I/I and bringing the highest benefit to sewer system users.

- 23 Manholes inspected
- 3900 LF of sewer smoke tested
- 92 Building inspections completed
- GPS locates of all storm and sanitary structures
- Restored capacity with internal sewer cleaning and televising
- Reduced I/I and backups during storm events-village wide
- Rejuvenated an aging sewer system, increasing its useful life for an additional 50+ years
- 77 Private sewer laterals TV'd
- 3900 LF of CCTV
- Flow Meters Installed
- 8 Dyed water floods performed

**EDUCATION**

Master Degree, Project Management  
Keller Graduate School of Management

Bachelor of Science, Engineering  
University of Illinois Urbana-Champaign

**PROFESSIONAL REGISTRATIONS**

Registered Professional Engineer  
Illinois, Indiana, Arizona

**PROFESSIONAL AFFILIATIONS**

Illinois Society of Professional Engineers  
(ISPE)

Illinois Association for Floodplain and  
Stormwater Management (IAFSM)

Will County Center for Economic Dev.  
Co-chair, Diplomat Committee  
Member, Gov't. Affairs Committee

South Holland Business Association  
Board of Directors, 2001-2005

**PUBLICATIONS**

"Infiltration Reduction Using Trenchless  
Technology,"  
Mining Journal Ltd., May 1999

**EMPLOYMENT HISTORY**

Robinson Engineering, Ltd.  
1989-Present

Mr. Fundich is the managing partner for the Robinson Engineering, Ltd. (REL) DuPage office in Itasca and the Will County office in Frankfort and oversees REL's Ottawa and Bourbonnais engineering/operations office managers. He serves as one of the firm's primary liaisons with clients and industry professionals while staying abreast of current regulatory issues and grant funding opportunities. Mr. Fundich also represents the firm in contract negotiations and public presentations for client communities.

**MUNICIPAL ENGINEERING**

Has served as the firm's Village Engineer for the following communities, all of which continue to utilize Robinson today:

- |                 |              |                        |           |
|-----------------|--------------|------------------------|-----------|
| • Itasca        | 2012-present | • Homer Glen           | 2001-2005 |
| • Frankfort     | 1997-present | • South Palos Township | 1995-2001 |
| • Romeoville    | 2007-2009    | • Glenwood             | 1991-1999 |
| • Manhattan     | 2005-2007    | • East Hazel Crest     | 1990-1999 |
| • South Holland | 1999-2006    |                        |           |

**MASTER PLANNING**

Project management or principal authorship of the following master planning efforts on behalf of client communities:

- |                                       |                         |
|---------------------------------------|-------------------------|
| • Downtown Infrastructure Master Plan | Manhattan               |
| • Water System Master Plan            | Manhattan               |
| • FPA Master Plan Update              | Frankfort               |
| • Iron Removal System Plan            | Frankfort               |
| • Facilities Planning Area Amendments | Frankfort               |
| • Wastewater Facilities Plan          | South Palos Township SD |
| • Manor & Estates Master Sewer Plan   | Glenwood                |

**PROJECT DESIGN & MANAGEMENT**

Design and project management of more than \$100 million in local water/wastewater infrastructure projects, including:

- |                                   |            |             |
|-----------------------------------|------------|-------------|
| • City-Wide Sewer Rehabilitation  | Crest Hill | \$8,200,000 |
| • Sauk Trail Interceptor Sewer    | Frankfort  | \$1,500,000 |
| • Hickory Creek Interceptor Sewer | Frankfort  | \$2,500,000 |
| • US 30/US 45 Utility Relocations | Frankfort  | \$500,000   |
| • Various Watermain Replacements  | Frankfort  | \$2,400,000 |
| • Various Watermain Replacements  | Glenwood   | \$1,000,000 |
| • 1 MG Elevated Tank & Watermain  | Frankfort  | \$2,300,000 |
| • IL Route 53 Watermain Loop      | Romeoville | \$600,000   |

**MANAGER, ICAP SEWER REHABILITATION (1989-2000)**

Prepared over 20 Sewer System Evaluation Surveys (SSES) including flow monitoring analyses, manhole inspections, smoke testing, dyed water flood testing, sewer televising, and private sector building inspections to isolate, identify, and quantify sources of infiltration/inflow (I/I) into separate sanitary sewer systems. He also designed more than 100 sewer rehabilitation projects totaling over \$85 million of infrastructure improvements, including \$20 million funded through the IEPA Water Pollution Control Revolving Fund.

## THOMAS E. NAGLE, PE

Vice President, Senior Project Manager

### EDUCATION

**Bachelor of Science,**  
**Civil Engineering Technology**  
Southern IL University  
**Master's Program Coursework**  
**Environmental Engineering**  
Illinois Institute of Technology

### PROFESSIONAL REGISTRATION

**Registered Professional Engineer**  
Wisconsin

### CERTIFICATIONS

Illinois Environmental Protection Agency (IEPA)  
Public Water Supply Operator - Class C  
Wastewater Collection System Operator  
National Association of Sewer Service Companies  
(NASSCO)  
Pipeline Assessment Certification (PACP)  
Manhole Assessment Certification (MACP)  
Lateral Assessment Certification (LACP)

### PROFESSIONAL AFFILIATIONS

American Water Works Association (AWWA)  
American Public Works Association (APWA)  
American Society of Civil Engineers (ASCE)-IL Sectn.  
Drinking Water Report Card Committee  
Illinois Water Environment Association  
South Suburban Water Works Association  
Scholarship Committee

### PUBLICATIONS

*"Reaching New Heights with Community Involvement," to appear in American Water Works Association Journal (2015)*

### PRESENTATIONS

*Reaching New Heights with Community Involvement by Adding 19' to elevated tank Matteson, IL*

Indiana AWWA Conference (2013)  
Illinois AWWA Conference (2013)  
National (Boston) AWWA Conference (2013)

*Elevated Tank & Reservoir Rehabilitation Blue Island, IL*  
Illinois AWWA Conference (2012)

*Reaching New Heights; Raising Two Tanks St. John, IN*  
Indiana AWWA Conference (2009)

### EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
1987-Present

Mr. Nagle has over 28 years of experience designing and managing numerous municipal infrastructure improvements. He is a Vice President and Sr. Project Manager of the Operations Department, overseeing public works operation and wastewater projects, including Inflow and Infiltration (I/I) Reduction and sanitary sewer rehabilitation projects. He is also an IEPA Licensed Public Water Supply Operator, IEPA Certified Collection Systems Operator and NASSCO Certified in PACP, MACP and LACP.

He managed five American Public Works Association (APWA) *Project of the Year* award-winning projects; two Illinois Society of Professional Engineers (IPSE), *Excellence in Engineering* award-winning projects, two APWA Community Involvement Awards and has won the American Society of Civil Engineers Citizen Engineers Award for giving back to the community. All the awards were won between 2008-2016.

### MUNICIPAL ENGINEERING

Having served as Municipal Engineer for the past 28 years, Mr. Nagle's responsibilities span daily engineering consultation and assistance to major engineering projects.

- South Lyon Twnshp. SD 2013-Present • Robbins 1990-2005
- Blue Island 1990-Present • Romeoville 1994-1999
- Chicago Heights 1990-2008 • Bonnie Brae SD 1992-1998

### WASTEWATER INFRASTRUCTURE DESIGN & MANAGEMENT

Designer and/or Project Manager for wastewater projects, including designing sewers, lift stations, as well as Infiltration & Inflow (I/I) investigations and reduction, Sewer System Evaluation Studies (SSES), flow monitoring, system mapping, construction inspection and Geographic Information

- MWRD I/I Reduction Various 1,000,000 2015-16
- Lateral Sewer Lining USACE \$1,500,000 2015
- Sanitary Sewer Lining Projects Various \$10,000,000+ 2008-16
- Sanitary Sewer Point Repair Projects Various \$500,000+ 2008-14
- Sanitary Sewer Manhole Projects Various \$400,000+ 2008-14
- Lift Station Upgrades Olympia Fields \$306,000 2012
- Sanitary Sewers Design (6" to 42") Various \$12,000,000 1990-09
- Sanitary Sewer Lift Stations Various \$10,000,000 1990-09
- 36" - 42" Sanitary Sewer Lockport \$2,400,000 1995

### WATER DISTRIBUTION DESIGN & MANAGEMENT

A representation of projects, including water treatment plants, water pump stations, Supervisory Control and Data Acquisition (SCADA) systems, water main designs, elevated tank and reservoir design, water master plans and models.

- .5MG Hydrosphere Tank Raising Matteson \$1,000,000 2014
- Elevated Tank Repainting Various \$5,000,000 2005-14
- Water Main (6" to 36") Various \$50,000,000 1990-13
- SCADA Systems Various \$50,000-\$300,000 1990-13
- Shallow Well & Well House Cherry Valley \$1,500,000 2012
- Four Shallow Wells Lockport \$2,000,000 1990-12
- 10.3 MGD Pump Station Calumet City \$3,500,000 2008
- Six Iron Removal Filters & Buildings Frankfort \$4,000,000 2000-07
- 14.4 MGD Pump Station Bridgeview \$1,900,000 2005
- 1MG Hydrosphere & .5MG Multi-legged Tank Raising St. John, IN \$2,000,000 2005

**STEVEN G. ZEHNER, PE, LEED AP**  
Senior Project Manager

**EDUCATION**

**Bachelor of Science**  
Southern Illinois University

**PROFESSIONAL REGISTRATIONS**

**Professional Engineer**  
Illinois, Wisconsin

**PROFESSIONAL CERTIFICATIONS**

**Certified Hazardous Materials Manager (CHMM)**  
  
**Leadership in Energy and Environmental Design Accredited Professional (LEED AP)**

**PROFESSIONAL AFFILIATIONS**

**Central States Water Environment Association (CSWEA)**  
  
**DuPage River Salt Creek Workgroup (DRSCW)**  
  
**US Green Building Council (USGBC)**  
  
**Water Environment Federation (WEF)**

**PUBLICATIONS & PRESENTATIONS**

**"Spray Irrigation: Not Putting the "E" in NPDES After All?", IWEA Annual Conference (2010)**  
  
**"Towards Illinois' first point-source expansion in an urbanized watershed with a TMDL in implementation", WEF TMDL Conference (2009)**  
  
**"Understanding Sustainability and its impact on Municipal Budgets", Illinois Municipal Treasurers Association Annual Conference (2008)**

**EMPLOYMENT HISTORY**

**Robinson Engineering, Ltd.**  
2011-Present  
  
**Baxter & Woodman**  
1987-2010  
  
**MECO**  
1986-1987

Mr. Zehner is an industry professional and technical specialist with an extensive background in environmental protection. He has managed internal departments (Environmental, and Industrial), and countless client projects, working closely with elected officials, residents, industries and contractors. Mr. Zehner has developed and managed numerous Pollution Prevention Programs. Most recently, he served as the City Engineer for the Wood Dale and as an interim Director of Public Works for Bensenville.

**PRE-TREATMENT ENGINEERING**

Mr. Zehner was the Romeoville Pretreatment Project Manager from 2003 to 2010. His environmental background includes surface and groundwater hydrology; water/wastewater pretreatment; industrial wastewater treatment systems, groundwater remediation technologies, watershed issues, and hazardous waste site closures. Well versed in the Impaired Waters and Total Maximum Daily Loads (US EPA Clean Water Act) Has tracked progress of the Total Maximum Daily Loads (TMDL) process in the State of Illinois to assist numerous clients with discharge to Salt Creek and the DuPage River. Served as Project Manager or had extensive involvement in these representative projects:

• Pretreatment Program Development & Management	Various	\$400,000	annual
• Pretreatment Program Development & Implementation	Bensenville	\$70,000 - \$120,000	annual
• Pretreatment Program Development and Implementation	Romeoville	\$100,000	2003-2010 annually
• Wynstone Spray Irrigation System Redesign & Construction	North Barrington	\$8,600,000	2008-2010
• Wastewater Treatment Plant Expansion	Itasca	\$2,100,000	2007
• Underground Storage Tank Remediation	Various	N/A	N/A

**ENVIRONMENTAL ENGINEERING**

Has provided numerous environmental site assessments to identify green solutions that include energy efficiency incentives, loan programs, and grant funding (e.g. LED lighting, control system improvements, variable frequency drive evaluations, energy recovery, renewable energy evaluations, high efficiency pumping and wastewater aeration energy efficiency improvements). Adept in associated environmental law and policy.

- Phase I & II Industrial & commercial environmental property assessments for numerous municipal and industrial clients.
- Wastewater treatment pond liner replacement & closure of 3 USTs/ remediation and LUST fund reimbursement for Bonosky Services, Inc.
- Underground Storage Tank & Hazardous Waste Site Closure Projects for over 30 clients in both the private and public sectors

**MUNICIPAL ENGINEERING**

**CITY OF WOOD DALE**

- Assisted with the development of 5-year capital improvement plan
- Project Manager for daily engineering operations, including design and construction oversight for all infrastructure projects
- Liaison between City and multiple consulting engineering firms

## RODNEY D. PHILLIPPI

Water Resources Operations Technician

### EDUCATION

Wastewater Treatment Coursework  
Ivy Tech College, IN

### PROFESSIONAL CERTIFICATIONS

Illinois EPA Class C Water Supply Operator  
  
Illinois EPA Collection System Operator  
  
Lateral Assessment Certification Program, NASSCO, Inc. (LACP)  
  
Manhole Assessment Certification Program, NASSCO, Inc. (MACP)  
  
National Association of Sewer Service Companies (NASSCO):  
  
OSHA General Industry Safety & Health Training Certificate  
  
Pipeline Assessment Certification Program, NASSCO, Inc. (PACP)

### PROFESSIONAL AFFILIATIONS

American Waterworks Association (AWWA)

### EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
2013-Present  
  
Aqua Illinois  
2006-2012  
  
Lafayette Indiana Water Works  
1997-2005  
  
Lafayette Water Pollution Control Department  
1989-1996  
  
Longdale Enterprises  
1980-1989

Mr. Phillippi, an industry professional with more than 30 years in management roles for the operations and controls of public water and wastewater systems. This experience covers construction, operations and maintenance departments as well as organizing systems and procedures for maximum productivity and safety. Mr. Phillippi has well established knowledge and experience in achieving and maintaining compliance with USEPA, IEPA, IDEM, DNR, ICC and local governing agencies.

### WATER & WASTEWATER

He has performed all aspects of operations and maintenance in the water and wastewater utilities and provided primary oversight of the utility staff as well as project management of the contract work. He has managed over 30 water/wastewater utility field and office staff to safely and efficiently operate water systems with over 230 miles of watermain with pipe sizes ranging from 2" to 36", 25,000 service connections, 2 well fields consisting of 15 wells with a capacity of 20 MGD and one 18 MGD high service pumping station as well and a 5 million gallon ground storage reservoirs and 4 elevated storage tanks with a capacity totaling 5 million gallons. He also maintained wastewater systems with 250 miles of sewer mains ranging in sizes ranging from 6" to 60", 30 lift stations, 3 storm water stations, over 20,000 lateral connections and the Waste Water Treatment Plant (WWTP) with a maximum capacity of 22 MGD.

He has performed Sanitary Sewer Evaluation Surveys (SSES) including flow monitoring, manhole inspections, smoke testing, House to House (HTH) sewer connection inspections, and clean & televise sewer projects. He has overseen numerous sanitary sewer rehabilitation projects using the latest and most cost effective trenchless technologies for manhole, lateral and pipeline rehabilitation.

Having managed numerous projects in Water and Wastewater; through operations, maintenance, staff and resources Mr. Phillippi has a vast experience in the field in compliance, sampling and analysis and technical support.

• Flow Monitoring	Mokena	\$19,500	2015
• Manhole Inspections	Mokena	\$11,700	2015
• Smoke Testing	SLTSD	\$47,300	2015
• Clean & Televise San. Sewers	SLTSD	\$100,452	2015
• Manhole Inspections	Monee	\$48,200	2015
• Smoke Testing	Monee	\$73,900	2015
• Manhole Inspctns. & Smoke Testing	SLTSD	\$32,000	2014
• Bldng. San Sewer Connection Inspctn.	SLTSD	\$17,000	2014
• Clean & TV San Sewers	SLTSD	\$100,500	2014
• Manhole Rehabilitation	SLTSD	\$87,000	2014
• San Sewer Lining (CIPP)	SLTSD	\$302,300	2014
• Clean & Televise Sanitary Swrs.	SLTSD	\$85,300	2014
• San Sewer Flow Monitoring	Mokena, IL	\$19,700	2014
• San Sewer Flow Monitoring	Monee, IL	\$26,200	2014
• Sani Sewer Flow Monitoring	Bourbonnais, IL	\$30,000	2013
• SSES Investigation MH Inspections & Smoke Test	SLTSD	\$61,600	2013
• Water Meter Change Program	AQUA Illinois	\$1,200,000	2012
• Valve Maintenance Program	AQUA Illinois	\$150,000	2012
• Fire Hydrant Change Program	AQUA Illinois	\$750,000	2011

## MARTIN J. KING

Water Resources Operations Technician

### EDUCATION

**Bachelor of Arts, Geography**  
Augustana College

### PROFESSIONAL CERTIFICATIONS

OSHA CFR 1910 146

National Association of Sewer Service  
Companies (NASSCO):

Pipeline Assessment Certification  
Program, NASSCO, Inc. (PACP)

Manhole Assessment Certification  
Program, NASSCO, Inc. (MACP)

Lateral Assessment Certification  
Program, NASSCO, Inc. (LACP)

### EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
2014-Present

Urban GIS  
2013-2014

Mr. King serves as an Operations Technician in the Operations Department. As a technician, he assists with various water and sewer projects and recently served as the team leader on major valve exercising project. Mr. King also possesses Geographic Information Systems (GIS) education and experience and has served as a GIS Technician.

### WATER & WASTEWATER

He has served as an operations technician on various water and waste water projects. Lead and managed a team that exercised more than 700 water valves over 2 years. Was a part of a team that oversaw contracts such as sanitary sewer televising and cleaning, smoke testing, sewer lining, point repairs, and manhole rehabilitation. He has used his GIS expertise to help create maps both used in the field and in reports delivered to clients.

• Tank Painting	Chicago Heights	2015
• Building Inspection	South Lyons Township SD	2015
• Flow Monitoring	South Palos Township SD, Olympia Fields	2015
• Sewer Cleaning and TV	South Lyons Township SD	2015
• Sewer Lining	South Lyons Township SD	2015
• Valve Exercising Program	Romeoville, Lockport Township SD	2012-15
• Valve Exercising Program	Lockport	2014
• Manhole Inspection	South Lyons Township SD	2014
• Point Repairs	South Lyons Township SD	2014
• Smoke Testing	South Lyons Township SD	2014

### GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Created and edited field maps, exhibits for reports and utilized ArcMap (GIS Software) to get accurate measurements and representation of assets in a given municipality. Mr. King Converted paper and PDF maps into digital format that can utilize the GIS software and analysis capabilities. In addition to client projects, daily responsibilities includes:

- Coordinate with field crews and GIS department to provide detailed maps to crews for specific tasks
- Construct maps for flow monitoring reports that display project data as it correlates with each basin
- Utilize GIS's spatial capabilities to quickly acquire field measurements (length of sewer and sanitary pipes, areas of drainage basins and buildings)
- Digitize GIS data into electronic format to incorporate with existing data

Assisted in GIS client projects:

• Flow Monitoring	Mokena, Monee	2014-15
• Flow Monitoring (ongoing)	South Palos Township SD	2014-15
• Street Light Mapping	Chicago	2014
• Traffic Signal Mapping	Chicago	2014
• Chicago LRS Creation	City of Chicago	2014

**WILLIAM L. LISZKA**  
*Resident Engineering Technician*

**EDUCATION**

**Associates Degree Coursework  
Construction Technology and Electric  
Circuits**  
Joliet Junior College

**PROFESSIONAL CERTIFICATIONS**

IL Public Water Supply Operator - Class A  
  
IL Wastewater Treatment Works  
Operator - Class 1  
  
IL Wastewater Pretreatment Inspector

**EMPLOYMENT HISTORY**

Robinson Engineering, Ltd.  
2011-Present  
  
Village of Manhattan  
2004-2011  
  
Village of Channahon  
1994-2004

With 30 years of experience with municipal water systems, Mr. Liszka is a Resident Engineer Technician for Robinson Engineering. Having advanced his knowledge and level of responsibility through years of hands-on experience, Mr. Liszka has held positions with local municipalities including as Water Operator and, most recently, as Superintendent of Public Works, responsible for equipment, operation, scheduling, maintenance, and functioning of Village streets and utilities as well as overseeing street and utilities staff. He was awarded Illinois Water Operator of the Year (2009-2010) by the IL Potable Water Supply Operators Association.

**MUNICIPAL EXPERIENCE**

Water Operations Services 2012-2013

Technical assistance and training in daily operations of municipal water systems for the following communities: Burnham, Coal City, Dolton, Itasca, Manhattan, Merrionette Park, Posen, Romeoville and Thornton. Currently assists Romeoville with wastewater operations and Posen with water operations. (2013-14)

**CONSTRUCTION PROJECTS WATER/SEWER 2012-2013**

Resident Engineering service to determine that projects were built according to plans and specifications, reviewed payout requests for the following projects:

Wastewater operation assistance	Romeoville	2015
Wastewater operations; EPA regulatory documents and training	Manhattan	2015
(2) New treatment facilities for VOC and iron removal Construction and startup	Sauk Village	2015
Water Treatment Plants (2)	Sauk Village	2014
Wells (2) and Water Treatment Plant	Frankfort	2013-14
Water Tower Raising	Matteson	2013
Water Tower Painting	Various	2013
New Potable Water Pump Station	Alsip	2012
Water Tower Painting & Pump Station Upgrades	Merrionette Park	2012

**VILLAGE OF MANHATTAN (2004-2011)**

Superintendent of Public Works, responsible for Water Systems & Wastewater Plant department operations, staff, and maintenance of Village Water systems, including:

- Initiated repairs to the sanitary collection system to reduce infiltration
- Initiated a Hydrant Flushing Program & replaced over 40 fire hydrants and 450 water meters
- Conducted drainage study to correct chronic problems
- Administered the construction of two Radium removal facilities and one million gallon water tower
- Supervised the construction of wastewater plant expansion and Geographic Information Systems (GIS) implementation

**VILLAGE OF CHANNAHON (1994-2004)**

- Water Operator in charge of municipal water systems, including:
- Three separate water systems and pressure zones, four wells, two water systems, and a booster station
- Waste Water Treatment Plant, including the Maintenance of one .25 MGD wastewater treatment plant and four lift stations
- Collaborated with engineers in the design of a .75 expansion of the existing waste water treatment plant, upholding NPEDS permit requirements

**VILLAGE OF ORLAND PARK (1987-1994)**

- Operated potable water plant operations of computer-controlled pump station, average 5.5 MGD and five elevated water tanks
- Conducted Field sampling of water quality
- Maintained underground utilities, including water main repairs, hydrant maintenance, sewer main and service repairs, new water turn-on and inspections, hydrant flushing, and manhole repairs
- Sewer operations maintenance for 15 sewage lift stations with generators

## EDWARD K. RUDD, GISP

GIS Department Manager

### EDUCATION

**Bachelor of Science  
Mechanical Engineering**  
Purdue University

### PROFESSIONAL CERTIFICATIONS

Geographic Information Systems  
Professional (GISP)

Spatial Data Engine Administration

Microsoft Database Administrator

### PROFESSIONAL ASSOCIATIONS

Illinois Geographic Information Systems  
(ISACA)

Urban and Regional Information System  
(URISA)

### EMPLOYMENT HISTORY

Robinson Engineering, Ltd.  
1989-Present

Mr. Rudd is the Manager of the firm's GIS Department responsible for all phases of GIS/mapping projects. His role includes implementation planning, estimating, project tracking and demonstration of GIS solutions. Mr. Rudd has managed over 100 GIS and Mapping projects and is experienced in GIS infrastructure management including, pavement, storm & sanitary sewer, water, signs and signals. Additionally, Mr. Rudd is experienced with parcel, permits and complaint management applications.

### DEPARTMENT MANAGEMENT

Has served as Robinson Engineering's GIS Department Manager since 1996, overseeing a staff of four full-time employees and responsible for department operations; project assignments and resource management; budgeting and overall project management, demonstrations and marketing and workload for all phases of GIS/mapping projects.

### GEOGRAPHIC INFORMATION SYSTEM DESIGN

A formal situation assessment and multi year GIS implementation plan & budget requiring detailed department level interviews culminating in a GIS that fits the clients specific needs.

- |  |         |           |
|--|---------|-----------|
| • Enterprise GIS System Design                     | Various | 2003-2010 |
| • GIS Situation Assessment and Implementation Plan | Various | 2002-2009 |

### GEOGRAPHIC INFORMATION SYSTEM IMPLEMENTATION

Projects involve implementing and customizing a Geographic Information System to meet the client's specific need. Projects include work and infrastructure management, parcel and land management, and economic development tools. These systems have enabled clients to generate and track work orders, labor, materials and equipment, maintain and evaluate municipal infrastructure, track historical maintenance, manage flood incidents and produce utility atlases.

- |   |                 |           |
|---|-----------------|-----------|
| • MUTCD Traffic Sign Inventory & Retroreflectivity Assessment         | Lynwood         | 2013      |
| • Storm System GPS Locates/GIS Implementation                         | Merrillville    | 2013      |
| • Online Web Mapping  | Various         | 2012-2013 |
| • GIS Based Pavement Management Sys.                                  | Various         | 2003-2011 |
| • Asset Management & Historical Maintenance Tracking                  | Various         | 1999-2011 |
| • Enterprise Server Based GIS   | Various         | 2003-2010 |
| • Economic Development & Site Selection GIS Tool                      | Kankakee County | 2008      |
| • Work Order System   | Tinley Park     | 2008      |
| • Enterprise Server Based GIS (regional)                              | SSMMA           | 2006      |
| • Site Selection & Demographic Analysis of Toyota Park Soccer Stadium | Bridgeview      | 2004      |
| • GIS Integration with Existing Permitting Application                | Romeoville      | 2003      |
| • GIS based Building Permit System                                    | Lockport        | 2002      |
| • Flood Management  | South Holland   | 2001      |

**FRANK A. BAVA, GISP**  
*GIS Developer/Programmer*

**EDUCATION**

Associates, CAD Technology  
ITT Technical Institute

**EMPLOYMENT HISTORY**

Robinson Engineering, Ltd.  
1997-Present

**PROFESSIONAL CERTIFICATION**

Geographic Information Systems  
Professional (GISP)

Mr. Bava is responsible for the development and management of GIS-based maps and spatial databases for use by public (municipal) and private sector clients. He maintains and updates GIS data (e.g. parcel details, street center lines, edge of pavement, and utilities). Mr. Bava is highly skilled with extensive experience using parcel, permits and complaint management applications and working in several database environments including SQL Server, MSDE, Foxpro, dBase and Access, and with ESRI's Spatial Data Engine (SDE). Mr. Bava is a certified GIS professional with the GIS Certification Institute.

**GEOGRAPHIC INFORMATION SYSTEM DESIGN**

Designs Geographic Information System (GIS), which involves a formal situation assessment and multi-year system implementation plan and budget. Also requires detailed department-level interviews to ensure a customized GIS design that fits the clients specific needs.

- Smoke Test & Manhole Inspection System Design      Various      2009
- Work Order System Design      Tinley Park      2008
- Permit System Design & Configuration      Lockport      2002

**GEOGRAPHIC INFORMATION SYSTEM IMPLEMENTATION**

Implements systems, which involves customizing a GIS to meet the client's specific need. Projects include work and infrastructure management, parcel and land management, and economic development tools. These systems enable clients to generate and track work orders, labor, materials and equipment, maintain and evaluate municipal infrastructure, track historical maintenance, manage flood incidents and produce utility atlases.

- GIS Based Pavement Management System      Various      2010-2016
- Sewer Management & Historical Maintenance Tracking      Various      2005-2010
- GIS Linked Work Order System      Tinley Park      2008
- Enterprise Server Based GIS      Various      2008
- Economic Development & Site Selection GIS tool      Kankakee County      2008
- Enterprise Server Based GIS (regional)      South Suburban Mayors & Managers Association      2006
- Site Selection & Demographic Analysis of Toyota Park Soccer Stadium      Bridgeview      2004
- GIS Based Pavement Management System      Various      2003-2010
- Enterprise Server Based GIS & Integration with Existing Permitting Application (includes Parcels, Water, Sewer, Pavement, Lights & Signs)      Romeoville      2003
- GIS Based Building Permit System      Lockport      2002

# Certificate of Insurance



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
01/05/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> The Horton Group, Inc. www.thehortongroup.com 10320 Orland Parkway Orland Park, IL 60467 Robert DeChene	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): <b>708-845-3000</b>		FAX (A/C, No):
	E-MAIL ADDRESS: <b>Constructioncerts@thehortongroup.com</b>		
<b>INSURER(S) AFFORDING COVERAGE</b>			<b>NAIC #</b>
<b>INSURER A : Continental Casualty Company</b>			
<b>INSURER B : Progressive Northern Insurance</b>			<b>21735</b>
<b>INSURER C : National Fire Ins. Hartford</b>			
<b>INSURER D : Alterra Excess &amp; Surplus Ins</b>			
<b>INSURER E :</b>			
<b>INSURER F :</b>			

<b>INSURED</b> <b>Robinson Engineering Ltd</b> <b>17000 South Park Avenue</b> <b>South Holland, IL 60473</b>	<b>CERTIFICATE NUMBER:</b>	<b>REVISION NUMBER:</b>
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THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		6023587947	01/01/2016	01/01/2017	EACH OCCURRENCE \$ <b>1,000,000</b> DAMAGE TO RENTED PREMISES (Ea occurrence) \$ <b>300,000</b> MED EXP (Any one person) \$ <b>15,000</b> PERSONAL & ADV INJURY \$ <b>1,000,000</b> GENERAL AGGREGATE \$ <b>2,000,000</b> PRODUCTS - COMP/OP AGG \$ <b>2,000,000</b> Emp Ben. \$ <b>1,000,000</b>
B	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/>		6023587933	01/01/2016	01/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$ <b>1,000,000</b> BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ <b>10,000</b>		6023587916	01/01/2016	01/01/2017	EACH OCCURRENCE \$ <b>10,000,000</b> AGGREGATE \$ <b>10,000,000</b> \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N/A		6023587897	01/01/2016	01/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ <b>1,000,000</b> E.L. DISEASE - EA EMPLOYEE \$ <b>1,000,000</b> E.L. DISEASE - POLICY LIMIT \$ <b>1,000,000</b>
D	<b>Professional</b>		MAX7PL0001959	09/09/2015	09/09/2016	<b>2,000,000</b>

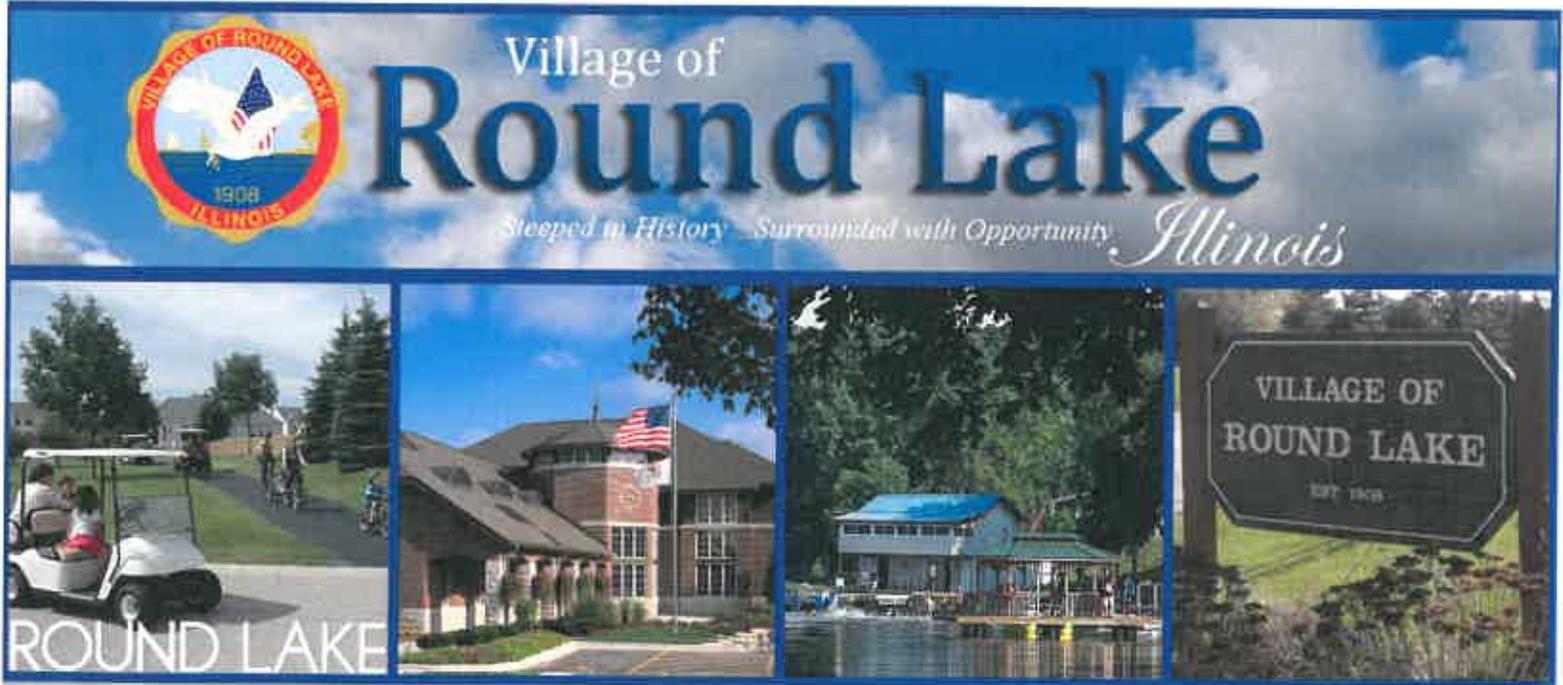
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

<b>CERTIFICATE HOLDER</b>  <b>FORINFO</b>  <b>For Information Purposes Only</b>	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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# Proposal

Presented to the Village of Round Lake, IL  
Design Engineering Services for  
Cleaning and Televising Sanitary Sewers  
**Proposed Fees**



*Municipal Expertise. Community Commitment.*

26575 W. Commerce Drive, Suite 512

Volo, IL 60073

ph. 815-806-0300

f. 815-806-0301

Champaign, IL

Frankfort, IL

Itasca, IL

Kankakee, IL

South Holland, IL

Volo, IL

Merrillville, IN



THOMAS E. NAGLE, PE  
Direct: (708) 210-5690  
[Tnagle@RELtd.com](mailto:Tnagle@RELtd.com)

March 16, 2016

Village of Round Lake  
Public Works Department  
751 W. Townline Road  
Round Lake, IL 60073

Attention: Adam Wedoff, Director of Public Works

RE: Design Engineering Fee for Cleaning and Televising Sanitary Sewers

Dear Mr. Wedoff:

Robinson Engineering, Ltd. (REL) appreciates the opportunity to present this proposal and engineering fee for the professional engineering needed to prepare plans and specifications for cleaning and televising approximately 75,000' of sanitary sewer. Our fee for the attached proposal is a lump sum of \$5,600. We anticipate 51 work hours to complete the project. The breakdown of the hours are as follows:

Task	Hours
Data Collection, Preliminary Design Meeting with Round Lake.....	4
Review Atlas, Determine Sub-basins, Quantify 75,000 of Sewers .....	6
GIS Data Manipulation and Exhibits.....	9
Engineering, Plans, Specifications and Cost Estimate .....	9
QC/QA Plans and Specifications, Prepare Final Plans and Specifications .....	13
Advertisement and Attend the Bid Opening.....	4
Review Bids, Bid Tabulation and Recommendation Letter .....	6
<b>Total Hours.....</b>	<b>51</b>

Please do not hesitate to contact me at your convenience with any questions you may have.

Very truly yours,

ROBINSON ENGINEERING, LTD.

Thomas E. Nagle, PE  
Vice President  
TEN:pc



VILLAGE OF ROUND LAKE  
**AGENDA ITEM SUMMARY**

**TITLE: PART-TIME COMMUNITY SERVICE OFFICER(S)**

**Agenda Item No. 5.7**

*Executive Summary:*

The Police Department requests Authorization to adjust the Village of Round Lake employee salary ordinance to substitute the current unfilled full-time Police Department Community Service Officer (CSO) position with three (3) part-time Police Department Community Service Officers.

This adjustment will create twenty (20) additional hours of Community Service Officer coverage to assist in servicing the current needs of the Village. Examples of these needs include tasks at multiple school locations that need attention at the same time of day, Metra Lot parking, citizen requests for service, animal control, and traffic direction at accident scenes.

Salary and equipment for these positions will be drawn from the associated and current Community Service Officer line items and if necessary from the part-time police officer position budgeted salary and the department uniform account as needed.

*Recommended Action:*

Staff recommends authorization to adjust the Village of Round Lake employee salary ordinance to substitute the current unfilled full-time Police Department Community Service Officer (CSO) position with three (3) part-time Police Department Community Service Officers, and staff and equip these three part-time CSO positions after April 18, 2016.

<b>Committee:</b> Police	<b>Meeting Date:</b> April 4, 2016 & April 18, 2016																											
<b>Lead Department:</b> Police	<b>Presenter:</b> Michael Gillette; Chief of Police																											
<b>Item Budgeted:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A  If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Account(s)</th> <th style="text-align: center;">Budget</th> <th style="text-align: center;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>01-40-70-67001</td> <td style="text-align: right;">\$75,325.00</td> <td></td> </tr> <tr> <td>Item Requested</td> <td></td> <td style="text-align: right;">\$66,390.00</td> </tr> <tr> <td>YTD Actual</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: right;">\$75,325.00</td> <td style="text-align: right;">\$66,390.00</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td></td> <td style="text-align: right;">\$8,935.00</td> </tr> <tr> <td style="text-align: right;">Over</td> <td style="text-align: center;">-</td> <td></td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	01-40-70-67001	\$75,325.00		Item Requested		\$66,390.00	YTD Actual		\$0.00	Amount Encumbered		\$0.00	Total:	\$75,325.00	\$66,390.00	Request is over/under budget:			Under		\$8,935.00	Over	-	
Account(s)	Budget	Expenditure																										
01-40-70-67001	\$75,325.00																											
Item Requested		\$66,390.00																										
YTD Actual		\$0.00																										
Amount Encumbered		\$0.00																										
Total:	\$75,325.00	\$66,390.00																										
Request is over/under budget:																												
Under		\$8,935.00																										
Over	-																											

**Resolution 2016-R-\_\_\_**

**A Resolution Authorizing the Village of Round Lake Police**

**Department to staff and equip three part-time Community Service Officer positions after April 18, 2016.**

**WHEREAS**, the Police Department staffing compliment includes the use of civilian Community Service personnel to assist in the service of police department essential functions; and

**WHEREAS**, the Round Lake Police Department has found that employing civilian Community Service personnel is a viable option for which to maintain a reliable Village wide service delivery levels; and

**WHEREAS**, the Village President and Board of Trustees find that making this adjustment to the Village Salary Ordinance of replacing one full-time Community Service Officer with three part-time community service officers limited to 1000 hours each, or less per year @ \$20.00 per hour is fiscally prudent and in the interest of public health, safety and welfare; and

**NOW THEREFORE BE IT RESOLVED** by the Village President and Board of Trustees of the Village of Round Lake as follows:

1. Adjust the Village of Round Lake Employee Salary Ordinance to substitute the current unfilled full-time Police Department Community Service Officer (CSO) position with three (3) part-time Police Department Community Service Officers is hereby authorized.

2. Staffing and equipping these three part-time Community Service Officer positions after April 18, 2016.is hereby approved.

3. The Mayor, or his designee, is authorized to perform such other actions required to carry out the Village's direction, and to otherwise implement this resolution.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

PASSED:

APPROVED:

AYES:

NAYS:

ABSENT:



VILLAGE OF ROUND LAKE  
**AGENDA ITEM SUMMARY**

**TITLE: CAPITAL IMPROVEMENTS PLAN**

**Agenda Item No. 5.8**

*Executive Summary:*

Attached is the Capital Improvements Plan that includes all department capital item requests for the 2017 budget and for five years thereafter, ending in 2022. The plan provides for a procedure and structure for managing capital requirements for the Village and the implementation of a financial forecast for the requested capital needs. The document contains capital requests summaries by departments and funds and also includes the individual capital requests by department.

*Recommended Action:*

Adopt a Resolution Adopting the Round Lake Capital Improvement Plan Fiscal Year End 2017 - 2022.

<b>Committee:</b> -	<b>Meeting Date:</b> 3/21 & 4/4/16 & 4/18/16																														
<b>Lead Department:</b> Administration	<b>Presenter:</b> Steven J. Shields, Village Administrator																														
<b>Item Budgeted:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A  <b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Account(s)</th> <th style="text-align: center;">Budget</th> <th style="text-align: center;">Expenditure</th> </tr> </thead> <tbody> <tr> <td>xx-xx-xx-xxxxx</td> <td style="text-align: center;">-</td> <td></td> </tr> <tr> <td>Item Requested</td> <td></td> <td></td> </tr> <tr> <td>Y-T-D Actual</td> <td></td> <td></td> </tr> <tr> <td>Amount Encumbered</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: center;"><b>\$0.00</b></td> <td style="text-align: center;"><b>\$0.00</b></td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under</td> <td colspan="2">-</td> </tr> <tr> <td style="text-align: right;">Over</td> <td colspan="2">-</td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure	xx-xx-xx-xxxxx	-		Item Requested			Y-T-D Actual			Amount Encumbered						Total:	<b>\$0.00</b>	<b>\$0.00</b>	Request is over/under budget:			Under	-		Over	-	
Account(s)	Budget	Expenditure																													
xx-xx-xx-xxxxx	-																														
Item Requested																															
Y-T-D Actual																															
Amount Encumbered																															
Total:	<b>\$0.00</b>	<b>\$0.00</b>																													
Request is over/under budget:																															
Under	-																														
Over	-																														

**RESOLUTION NO. 2016-R-XX**

**A RESOLUTION ADOPTING THE VILLAGE OF ROUND LAKE  
CAPITAL IMPROVEMENT PLAN FISCAL YEAR END 2017 THROUGH 2022**

**WHEREAS**, the Mayor and Finance Director in conjunction with the recommendations of all Village Departments and the Committee of the Whole's review and recommendations has developed a comprehensive assessment of current and future long-term capital project needs and requirements for the Village of Round Lake, hereafter referenced as the "Village of Round Lake Capital Plan Fiscal Year End 2017 Through 2022"; and

**WHEREAS**, the Board of Trustees deems the "Village of Round Lake Capital Plan Fiscal Year End 2017 Through 2022" appropriate for adoption by the Village for present and future use for capital planning and implementation of capital projects by Village Staff, Departments and all other planning agencies and committees of the Village.

**NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ROUND LAKE, LAKE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** That the "Village of Round Lake Capital Plan Fiscal Year End 2017 Through 2022" as attached hereto is hereby adopted as stating and encompassing Village policy and guidelines for present and future capital plans within the Village as therein specified.

**SECTION 2:** That as set out in the "Village of Round Lake Capital Plan Fiscal Year End 2017 Through 2022", the Board states the policy that such Capital Plan shall be the continuing guideline for the stated Capital Plan projects, their financing, implementation and completion, provided nothing herein is intended to constitute a pre-approval or formal authorization by the Board of Trustees for any capital project, or funding or expenditures for such projects.

**APPROVED:**

---

Daniel A. MacGillis, Village President

**ATTEST:**

---

Patricia C. Blauvelt, Village Clerk

**PASSED:**

**APPROVED:**

**AYES:**

**NAYS:**

**ABSENT:**



# **Village of Round Lake**

## **Capital Improvement Plan**

**Fiscal Year Ended 2017 – 2022**

**Village of Round Lake  
Capital Improvement Plan  
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## Village of Round Lake Capital Plan

### **Introduction**

The Village of Round Lake Capital Plan is arranged into three sections including this section, which describes the background, development and implementation. The second section provides a summary of the projects by fund and department. Finally, each of the requests and pertinent information for each project is included in the third section.

There are other assessments/plans which provide input in the capital plan. As an example, the inventories of technology and vehicle items, and the pavement management report, are incorporated into the capital plan.

It should be noted that this is a working plan and should be updated as conditions change resulting from the concerns of the citizens of Round Lake and the policies and priorities established by the Mayor and Village Board. New funding or other resource opportunities could also lead to program changes and implementation of projects not previously explored or eliminated entirely. All departmental requests are included in the plan.

### **Background**

The Village of Round Lake makes significant capital expenditures for future operations and expenditures for other important capital projects. The capital plan is intended to provide guidance on which projects should be implemented, how they should be financed and when.

The Village of Round Lake Capital Plan is a tool to assess the long-term capital project requirements and to establish funding of the projects in a timely and cost-effective fashion. The plan is intended to ensure that there is a policy in place so the proper assessment is performed for the expenditure of public funds. The plan identifies and describes capital projects, and the years in which funding each project is to occur. The plan can be utilized to forecast any period of time and extends beyond the current operating cycle to cover a five-year time frame.

### **Plan Development**

The Department Heads identified the necessary projects and project costs. The Elected Officials will provide oversight for the plan and assess the projects prior to approval for funding. The information included in the requests will be utilized for analysis and the potential need for prioritizing the projects. Accordingly, the requests will include the following information:

- **Project Description/Capital Request:** A description of the proposed construction project or the vehicles or equipment to be acquired.
- **Anticipated Benefits:** The goals and benefits to be derived through the construction or acquisition project.
- **Existing Condition:** A description of the existing condition to be alleviated by the project.
- **Funding Schedule:** The estimated cost of the project and the timing for funding are identified. Project timing is based on the assessment of need by the department head and may be changed through the prioritizing process.

- **Funding Sources:** Should identify whether the project will be funded by the Village's own resources, through an intergovernmental grant or loan, or a combination of such sources.
- **Other Resource Needs:** Identifies the need for municipal staff, legal services, engineering services, or other needs to complete the project.
- **Annual operation or maintenance costs,** including the identifying of such costs.

Any additions to the plan require approval by the Village Board. Department Heads will forward capital plan requests to the Committee of the Whole for analysis and provide proper justification of additional projects.

### Overall Financial Highlights

The Village uses eight funds to account for capital items, which are listed below along with the amounts for the 2017 budget and five years thereafter.

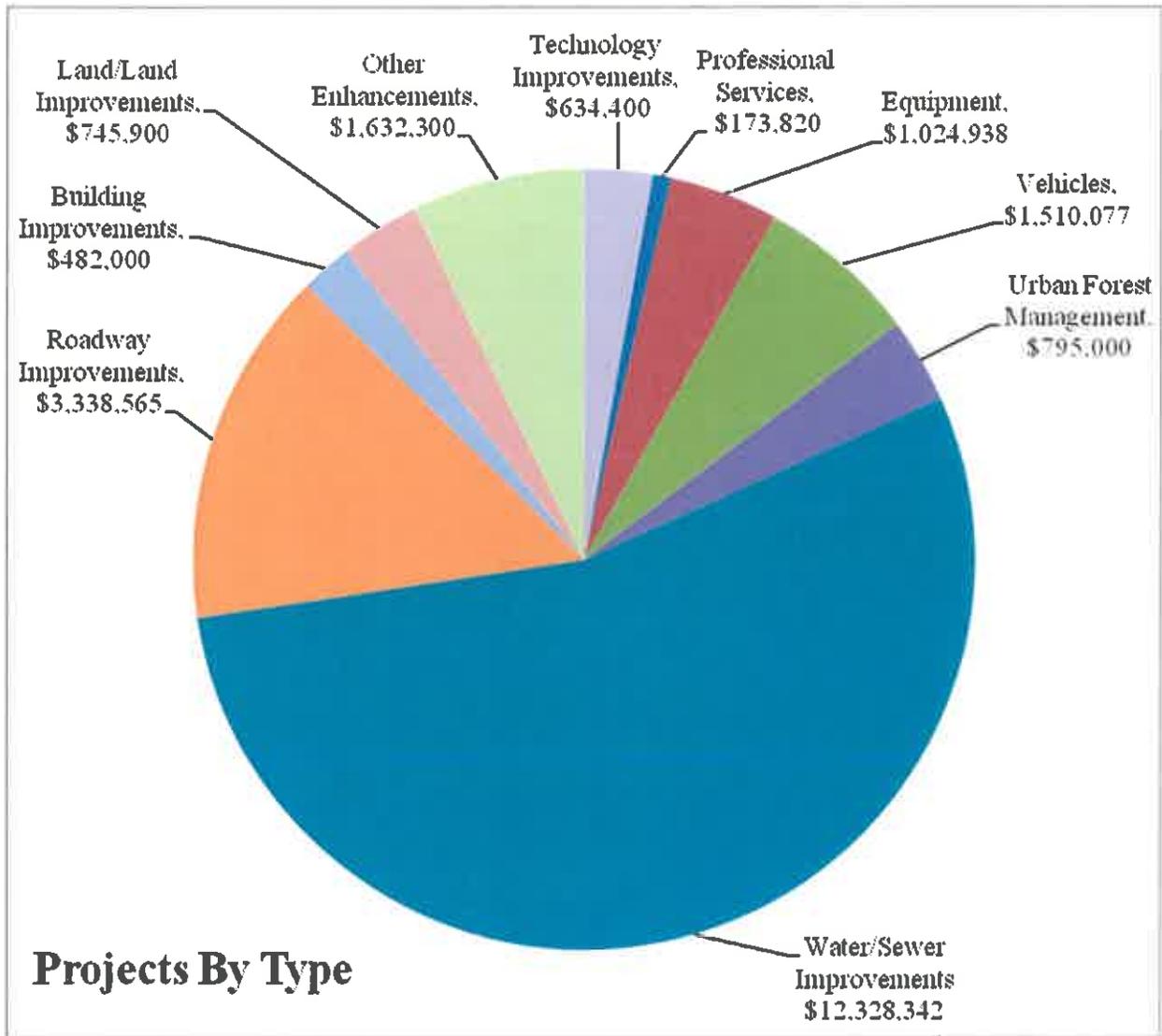
Fund	Budget	Forecast					Totals
	2017	2018	2019	2020	2021	2022	
General Fund (01)	\$59,250	\$31,250	\$119,250	\$111,250	\$16,250	\$16,250	\$353,500
Motor Fuel Tax Fund (10)	\$570,000	\$566,500	\$520,340	\$867,925	\$110,700	\$15,000	\$2,650,465
Capital Projects Fund (35)	\$816,260	\$764,260	\$537,800	\$596,400	\$276,300	\$507,200	\$3,498,220
Water & Sewer Fund (50)	\$3,112,692	\$2,311,350	\$1,344,550	\$3,976,550	\$983,650	\$867,050	\$12,595,842
Parking Lot Fund (51)	\$215,200	\$193,200	\$24,800	\$282,700	\$0	\$0	\$715,900
Vehicle Replacement Fund (60)	\$392,486	\$316,471	\$327,544	\$156,711	\$146,972	\$206,831	\$1,547,015
Technology Replacement Fund (61)	\$157,700	\$146,200	\$136,500	\$51,000	\$43,500	\$126,500	\$661,400
Building Replacement Fund (62)	\$183,000	\$114,000	\$129,000	\$74,000	\$74,000	\$69,000	\$643,000
<b>Grand Total</b>	<b>\$5,506,588</b>	<b>\$4,443,231</b>	<b>\$3,139,784</b>	<b>\$6,116,536</b>	<b>\$1,651,372</b>	<b>\$1,807,831</b>	<b>\$22,665,342</b>

The detail projects included in each fund are listed on page 1 and 2 of this document. General Fund capital requests are supported by normal operating revenues. In the Motor Fuel Tax Fund motor fuel tax allotments are the major revenue source supporting projects. Gas utility tax and contributions from the General Fund supports the Capital Projects Fund projects and user charges in the Water and Sewer Fund and the Parking Lot Fund. Replacement Funds are supported by annual contributions from the General and Water/Sewer Funds.

As noted previously, the Department Heads identified the necessary projects and project costs. The chart that follows is a summary of department requests for capital requests that includes amounts for the 2017 budget and five years thereafter. The detail projects by department are listed on page 3 and 4 of this document.

Department	Budget	Forecast					Totals
	2017	2018	2019	2020	2021	2022	
Administration	\$270,500	\$126,500	\$161,500	\$32,500	\$34,500	\$138,500	\$764,000
Police Department	\$204,186	\$198,671	\$198,044	\$168,711	\$163,472	\$253,331	\$1,186,415
Public Works	\$985,500	\$801,500	\$1,618,500	\$511,500	\$950,500	\$281,500	\$5,149,000
Engineering	\$4,037,402	\$3,309,560	\$1,154,740	\$5,396,825	\$493,900	\$1,127,500	\$15,519,927
Building Department	\$9,000	\$7,000	\$7,000	\$7,000	\$9,000	\$7,000	\$46,000
<b>Grand Total</b>	<b>\$5,506,588</b>	<b>\$4,443,231</b>	<b>\$3,139,784</b>	<b>\$6,116,536</b>	<b>\$1,651,372</b>	<b>\$1,807,831</b>	<b>\$22,665,342</b>

Finally, the following graph lists the total \$22,665,342 in the plan by type.



# Capital Projects Summary

## By Fund

**CAPITAL IMPROVEMENTS PROGRAM  
FISCAL YEAR END 2017 - 2022 CIP DOCUMENT  
BY FUND**

Project	Account No.	2017	2018	2019	2020	2021	2022
<b>General Fund (01)</b>							
<b>Police Department</b>							
NIPAS Blistic Vest and Equipment Replacement	01-40-75-77531			\$8,000			
Evidence Drying Cabinet	01-40-80-88001	\$10,000					
Patrol Ballistic Shields	01-40-80-88001	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
<b>Public Works</b>							
Traffic Sign Replacement	01-60-74-77452	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Heavy Equipment - Sidewalk Machine & Fork Lift	01-60-80-88001	\$15,000	\$15,000				
Liquid Anti-Icing, Deicing Distributor	01-60-80-88001	\$18,000					
Large Dump Trucks (New)	01-60-80-88004			\$95,000	\$95,000		
Geographic Information System (GIS) Software	01-60-91-99107	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
<b>Total General Fund (01)</b>		<b>\$59,250</b>	<b>\$31,250</b>	<b>\$119,250</b>	<b>\$111,250</b>	<b>\$16,250</b>	<b>\$16,250</b>
<b>Motor Fuel Tax Fund (10)</b>							
Crack Sealing Program	10-60-74-77436	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
2017 Resurfacing - Madrona Village Neighborhoods 1 & 2	10-60-83-88301		\$551,500				
2018 Resurfacing - Madrona Village Neighborhood 5	10-60-83-88301			\$505,340			
2019 Resurfacing - Wildspring Road Resurfacing	10-60-83-88301				\$852,925		
Pavement Maintenance - Pavement Patching	10-60-83-88301					\$95,700	
Rehabilitate Nippersink Road	10-60-83-88301	\$540,000					
<b>Total Motor Fuel Tax Fund (10)</b>		<b>\$555,000</b>	<b>\$566,500</b>	<b>\$520,340</b>	<b>\$867,925</b>	<b>\$110,700</b>	<b>\$15,000</b>
<b>Capital Projects Fund (35)</b>							
2017 Resurfacing - Madrona Village Neighborhoods 1 & 2	35-20-73-77307	\$31,360					
2018 Resurfacing - Madrona Village Neighborhood 5	35-20-73-77307		\$32,160				
2019 Resurfacing - Wildspring Road Resurfacing	35-20-73-77307			\$49,000			
Pavement Maintenance - Pavement Patching	35-20-73-77307				\$4,300		
Pavement Management Report Update	35-20-73-77307					\$25,000	
Traffic Sign Inventory	35-20-73-77319	\$32,000					
Back-up Generator	35-20-80-88001						\$85,000
Parkway Tree Pruning Program	35-20-80-88028	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$45,000
Parkway Tree Replacement Program	35-20-80-88028	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Capri/Avilon Water Main Replacement	35-20-83-88301			\$19,800	\$258,100		
Hillandale Drive Water Main Replacement	35-20-83-88301	\$6,200	\$85,100				
Midland Drive Water Main Replacement	35-20-83-88301	\$180,900					
North Rosedale Pavement Rehabilitation	35-20-83-88301	\$90,000					
Storage Building	35-20-85-88501			\$150,000			
Old Village Hall Property	35-20-86-88601	\$10,000					
Cedar Valley Park Pond Public Flood Control Project	35-20-88-88801	\$75,000	\$83,400	\$75,000	\$75,000		
Concrete Curb and Gutter and Sidewalk Repair Program	35-20-88-88801	\$59,000	\$59,000	\$59,000	\$59,000	\$59,000	\$59,000
Conversion to LED Street Lights Program	35-20-88-88801	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	
Drainage Improv./Wetland Maintenance - 700 Railroad Ave.	35-20-88-88801	\$53,000	\$5,000		\$5,000		\$5,000
Heavy Storage Racking	35-20-88-88801	\$20,000					
Orchard St/Ravine Ave/Cranberry Ct Water Main Replacement	35-20-88-88801					\$17,300	\$238,200
PW & Police Dept. Parking Lot Resurfacing	35-20-88-88801	\$16,800	\$231,000				
Tear Downs	35-20-88-88801	\$10,000	\$10,000	\$10,000			
Village Hall Parking Lot Resurfacing	35-20-88-88801	\$6,000	\$83,600				
Welcome Signs	35-20-88-88801	\$51,000					
Fairfield & Route 134 Water Main Improvements (Sidewalk)	35-20-88-88802				\$20,000		
<b>Total Capital Projects Fund (35)</b>		<b>\$816,260</b>	<b>\$764,260</b>	<b>\$537,800</b>	<b>\$596,400</b>	<b>\$276,300</b>	<b>\$507,200</b>
<b>Water / Sewer Fund (50)</b>							
MXU Replacements	50-60-74-77428	\$100,000	\$100,000				
Fire Hydrant Painting	50-60-79-77901	\$20,000		\$20,000		\$20,000	
Valve Exercise	50-60-79-77901	\$30,000	\$30,000	\$12,000	\$12,000	\$12,000	\$12,000
Water Storage Tank Cleaning	50-60-79-77901	\$25,000		\$25,000		\$25,000	
Heavy Equipment - Sidewalk Machine & Fork Lift	50-60-80-88001	\$15,000	\$15,000				
Large Dump Trucks (New)	50-60-80-88004			\$95,000	\$95,000		
750,000 Gallon Elevated Tank	50-60-81-88101			\$55,000	\$2,345,000		
Cambridge Lift Station and Force Main Replacement	50-60-81-88101	\$465,000					
Capri/Avilon Water Main Replacement	50-60-81-88101			\$78,300	\$1,092,300		
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	50-60-81-88101	\$211,442					
Emergency Water Interconnect	50-60-81-88101		\$147,000				
Fairfield & Route 134 Water Main Improvements	50-60-81-88101			\$33,000	\$147,000		
Hillandale Drive Water Main Replacement	50-60-81-88101	\$39,400	\$542,100				
Midland Drive Water Main Replacement	50-60-81-88101	\$582,600					
Nippersink Lift Station Remodel/Replacement	50-60-81-88101	\$440,000					
Orchard St/Ravine Ave/Cranberry Ct Water Main Replacement	50-60-81-88101					\$41,400	\$569,800
Rehabilitate Nippersink Road	50-60-81-88101	\$110,000					
Replace Non-Operative Water Main Valves & Fire Hydrants	50-60-81-88101	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Sanitary Sewer System Inspecting, Cleaning and Maintenance	50-60-81-88101	\$375,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
Second CLCJAWA Delivery Structure	50-60-81-88101	\$75,000	\$1,041,000				
Smoke Test Sanitary Sewer System Program	50-60-81-88101	\$25,000					
Upgrade Controls & Install Back Up Power Generator	50-60-81-88101	\$73,000	\$83,000	\$93,000			
Water Main Leak Detection Assessment	50-60-81-88101	\$84,000					
Water Tower Painting	50-60-81-88101		\$32,000	\$600,000		\$600,000	

**CAPITAL IMPROVEMENTS PROGRAM  
FISCAL YEAR END 2017 - 2022 CIP DOCUMENT  
BY FUND**

Project	Account No.	2017	2018	2019	2020	2021	2022
Well No. 3 Rehabilitation	50-60-81-88101	\$325,000					
SCADA Server Phone Line Upgrade	50-60-91-99101	\$16,000					
Geographic Information System (GIS) Software	50-60-91-99107	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
Lift Station Repairs	50-60-92-99208	\$46,000	\$36,000	\$48,000			
<b>Total Water / Sewer Fund (50)</b>		<b>\$3,112,692</b>	<b>\$2,311,350</b>	<b>\$1,344,550</b>	<b>\$3,976,550</b>	<b>\$983,650</b>	<b>\$867,050</b>
<b>Commuter Parking Lot Fund (51)</b>							
Commuter Lot Maintenance and Paving	51-60-86-88601	\$12,200	\$193,200	\$24,800	\$282,700		
METRA Main Parking Lot Paving	51-60-86-88601	\$203,000					
<b>Total Commuter Lot Fund (51)</b>		<b>\$215,200</b>	<b>\$193,200</b>	<b>\$24,800</b>	<b>\$282,700</b>	<b>\$0</b>	<b>\$0</b>
<b>Vehicle Replacement Fund (60)</b>							
Radar Trailer	60-40-80-88001	\$18,000					\$20,000
Community Service Vehicle	60-40-80-88004						\$31,500
Police Vehicles	60-40-80-88004	\$84,036	\$84,557	\$89,153	\$91,828	\$94,583	\$97,420
Community Service Vehicle	60-40-80-88024						\$5,000
Police Vehicles Equipment	60-40-80-88024	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911
Heavy Equipment - Backhoe	60-60-80-88001			\$175,000			
Large Dump Trucks	60-60-80-88004	\$185,000	\$170,000				
Pickup Truck Replacements	60-60-80-88004	\$30,000	\$33,000	\$34,000	\$35,000	\$35,000	\$35,000
Refurbish Trucks	60-60-80-88024	\$60,000	\$13,000	\$13,000	\$13,000		
<b>Total Vehicle Replacement Fund (60)</b>		<b>\$392,486</b>	<b>\$316,471</b>	<b>\$327,544</b>	<b>\$156,711</b>	<b>\$146,972</b>	<b>\$206,831</b>
<b>Technology Replacement Fund (61)</b>							
Financial Management System	61-20-91-99103	\$85,000	\$85,000	\$85,000			
Replace Technology Equipment	61-20-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server	61-20-91-99117	\$22,000			\$1,000	\$3,000	\$22,000
Automated External Defibrillator Replacements	61-40-80-88024	\$5,000					\$5,000
Police Vehicle Mobile Data Computers	61-40-80-88024	\$15,000	\$15,000	\$9,000	\$9,000	\$9,000	\$9,000
Replacement Patrol Vehicle Radar Unit(s)	61-40-80-88024	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Building Video Surveillance System	61-40-91-99117	\$3,000	\$3,000	\$3,000	\$3,000	\$5,000	\$20,000
Community Room Technology	61-40-91-99117	\$1,500	\$3,000	\$1,500	\$6,000	\$1,500	\$1,500
Interview Room Hi-Definition Video Recording System	61-40-91-99117	\$1,200	\$1,200				\$15,000
Replace Technology Equipment (From Admin.)	61-40-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (From Admin.)	61-40-91-99117	\$6,000	\$6,000	\$21,000	\$6,000	\$6,000	\$6,000
UPS Batteries Replacement and Maintenance	61-40-91-99117				\$6,000		
Replace Technology Equipment (From Admin.)	61-60-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Technology Equipment (Water/Sewer - From Admin.)	61-60-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (From Admin.)	61-60-91-99117	\$2,000	\$9,500	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (Water/Sewer - From Admin.)	61-60-91-99117		\$8,500		\$3,000		\$31,000
Replace Technology Equipment (From Admin.)	61-70-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (From Admin.)	61-70-91-99117	\$2,000				\$2,000	
<b>Total Technology Replacement Fund (61)</b>		<b>\$157,700</b>	<b>\$146,200</b>	<b>\$136,500</b>	<b>\$51,000</b>	<b>\$43,500</b>	<b>\$126,500</b>
<b>Building Replacement Fund (62)</b>							
Building Equipment Replacement	62-20-80-88001	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Temperature Control Systems	62-20-80-88001			\$35,000			
Office Furniture Repair and Replacement	62-20-80-88018	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Carpet Repairs	62-20-85-88501	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Insulate Exposed Attic	62-20-85-88501	\$18,500					
Painting	62-20-85-88501	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Village Hall Vestibule	62-20-85-88501	\$12,500					
Villaged Owned Building for Rent	62-20-85-88501	\$30,000					
Office Furniture Repair and Replacement	62-40-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Building Upkeep	62-40-85-88501	\$25,000	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000
Carpet Repairs	62-40-85-88501		\$10,000	\$10,000	\$5,000	\$5,000	
Community Room Furniture & Carpeting	62-40-85-88501	\$5,000	\$30,000	\$15,000			
Building Equipment Replacement (From Admin.)	62-60-80-88001	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Lightning Protection System	62-60-80-88001	\$21,000					
Office Furniture Repair and Replacement (From Admin.)	62-60-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Painting (From Admin.)	62-60-85-88501	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Salt Barn Repairs	62-60-85-88501	\$12,000					
Office Furniture Repair and Replacement (From Admin.)	62-70-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<b>Total Building Replacement Fund (62)</b>		<b>\$183,000</b>	<b>\$114,000</b>	<b>\$129,000</b>	<b>\$74,000</b>	<b>\$74,000</b>	<b>\$69,000</b>
<b>Grand Total</b>		<b>\$5,491,588</b>	<b>\$4,443,231</b>	<b>\$3,139,784</b>	<b>\$6,116,536</b>	<b>\$1,651,372</b>	<b>\$1,807,831</b>

# Capital Projects Summary

By Department

**CAPITAL IMPROVEMENTS PROGRAM  
FISCAL YEAR END 2017 - 2022 CIP DOCUMENT  
BY DEPARTMENT**

Project	Account No.	2017	2018	2019	2020	2021	2022
<b>Administration</b>							
Back-up Generator	35-20-80-88001						\$85,000
Building Equipment Replacement	62-20-80-88001	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Carpet Repairs	62-20-85-88501	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Financial Management System	61-20-91-99103	\$85,000	\$85,000	\$85,000			
Insulate Exposed Attic	62-20-85-88501	\$18,500					
Office Furniture Repair and Replacement	62-20-80-88018	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Old Village Hall Property	35-20-86-88601	\$10,000					
Painting	62-20-85-88501	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Replace Technology Equipment	61-20-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server	61-20-91-99117	\$22,000			\$1,000	\$3,000	\$22,000
Tear Downs	35-20-88-88801	\$10,000	\$10,000	\$10,000			
Temperature Control Systems	62-20-80-88001			\$35,000			
Village Hall Vestibule	62-20-85-88501	\$12,500					
Villaged Owned Building for Rent	62-20-85-88501	\$30,000					
Welcome Signs	35-20-88-88801	\$51,000					
<b>Total Administration</b>		<b>\$270,500</b>	<b>\$126,500</b>	<b>\$161,500</b>	<b>\$32,500</b>	<b>\$34,500</b>	<b>\$138,500</b>
<b>Police Department</b>							
Automated External Defibrillator Replacements	61-40-80-88024	\$5,000					\$5,000
Building Upkeep	62-40-85-88501	\$25,000	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000
Building Video Surveillance System	61-40-91-99117	\$3,000	\$3,000	\$3,000	\$3,000	\$5,000	\$20,000
Carpet Repairs	62-40-85-88501		\$10,000	\$10,000	\$5,000	\$5,000	
Community Room Furniture & Carpeting	62-40-85-88501	\$5,000	\$30,000	\$15,000			
Community Room Technology	61-40-91-99117	\$1,500	\$3,000	\$1,500	\$6,000	\$1,500	\$1,500
Community Service Vehicle	60-40-80-88004						\$31,500
Community Service Vehicle	60-40-80-88024						\$5,000
Evidence Drying Cabinet	01-40-80-88001	\$10,000					
Interview Room Hi-Definition Video Recording System	61-40-91-99117	\$1,200	\$1,200				\$15,000
NIPAS Ballistic Vest and Equipment Replacement	01-40-75-77531			\$8,000			
Office Furniture Repair and Replacement	62-40-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Patrol Ballistic Shields	01-40-80-88001	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Police Vehicle Mobile Data Computers	61-40-80-88024	\$15,000	\$15,000	\$9,000	\$9,000	\$9,000	\$9,000
Police Vehicles	60-40-80-88004	\$84,036	\$84,557	\$89,153	\$91,828	\$94,583	\$97,420
Police Vehicles Equipment	60-40-80-88024	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911
Radar Trailer	60-40-80-88001	\$18,000					\$20,000
Replace Technology Equipment (From Admin.)	61-40-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (From Admin.)	61-40-91-99117	\$6,000	\$6,000	\$21,000	\$6,000	\$6,000	\$6,000
Replacement Patrol Vehicle Radar Unit(s)	61-40-80-88024	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
UPS Batteries Replacement and Maintenance	61-40-91-99117				\$6,000		
<b>Total Police Department</b>		<b>\$204,186</b>	<b>\$198,671</b>	<b>\$198,044</b>	<b>\$168,711</b>	<b>\$163,472</b>	<b>\$253,331</b>
<b>Building Department</b>							
Office Furniture Repair and Replacement (From Admin.)	62-70-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Replace Village Computers/Server (From Admin.)	61-70-91-99117	\$2,000				\$2,000	
Replace Technology Equipment (From Admin.)	61-70-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
<b>Total Building Department</b>		<b>\$9,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$9,000</b>	<b>\$7,000</b>
<b>Public Works</b>							
Building Equipment Replacement (From Admin.)	62-60-80-88001	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Conversion to LED Street Lights Program	35-20-88-88801	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	
Fire Hydrant Painting	50-60-79-77901	\$20,000		\$20,000		\$20,000	
Heavy Equipment - Backhoe	60-60-80-88001			\$175,000			
Heavy Equipment - Sidewalk Machine & Fork Lift	01-60-80-88001	\$15,000	\$15,000				
Heavy Equipment - Sidewalk Machine & Fork Lift	50-60-80-88001	\$15,000	\$15,000				
Heavy Storage Racking	35-20-88-88801	\$20,000					
Large Dump Trucks	60-60-80-88004	\$185,000	\$170,000				
Large Dump Trucks (New)	01-60-80-88004			\$95,000	\$95,000		
Large Dump Trucks (New)	50-60-80-88004			\$95,000	\$95,000		
Lift Station Repairs	50-60-92-99208	\$46,000	\$36,000	\$48,000			
Lightning Protection System	62-60-80-88001	\$21,000					
Liquid Anti-Icing, Deicing Distributor	01-60-80-88001	\$18,000					
MXU Replacements	50-60-74-77428	\$100,000	\$100,000				
Office Furniture Repair and Replacement (From Admin.)	62-60-80-88018	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Painting (From Admin.)	62-60-85-88501	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Parkway Tree Pruning Program	35-20-80-88028	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$45,000
Parkway Tree Replacement Program	35-20-80-88028	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Pickup Truck Replacements	60-60-80-88004	\$30,000	\$33,000	\$34,000	\$35,000	\$35,000	\$35,000
Refurbish Trucks	60-60-80-88024	\$60,000	\$13,000	\$13,000	\$13,000		
Replace Non-Operative Water Main Valves & Fire Hydrants	50-60-81-88101	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Replace Technology Equipment (From Admin.)	61-60-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Technology Equipment (Water/Sewer - From Admin.)	61-60-91-99117	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (From Admin.)	61-60-91-99117	\$2,000	\$9,500	\$2,000	\$2,000	\$2,000	\$2,000
Replace Village Computers/Server (Water/Sewer - From Admin.)	61-60-91-99117		\$8,500		\$3,000		\$31,000
Salt Barn Repairs	62-60-85-88501	\$12,000					
Smoke Test Sanitary Sewer System Program	50-60-81-88101	\$25,000					

**CAPITAL IMPROVEMENTS PROGRAM  
FISCAL YEAR END 2017 - 2022 CIP DOCUMENT  
BY DEPARTMENT**

Project	Account No.	2017	2018	2019	2020	2021	2022
Storage Building	35-20-85-88501			\$150,000			
Traffic Sign Inventory	35-20-73-77319	\$32,000					
Traffic Sign Replacement	01-60-74-77452	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Upgrade Controls & Install Back Up Power Generator	50-60-81-88101	\$73,000	\$83,000	\$93,000			
Valve Exercise	50-60-79-77901	\$30,000	\$30,000	\$12,000	\$12,000	\$12,000	\$12,000
Water Storage Tank Cleaning	50-60-79-77901	\$25,000		\$25,000		\$25,000	
Water Tower Painting	50-60-81-88101		\$32,000	\$600,000		\$600,000	
<b>Total Public Works</b>		<b>\$985,500</b>	<b>\$801,500</b>	<b>\$1,618,500</b>	<b>\$511,500</b>	<b>\$950,500</b>	<b>\$281,500</b>
<b>Engineering</b>							
2017 Resurfacing - Madrona Village Neighborhoods 1 & 2	10-60-83-88301		\$551,500				
2017 Resurfacing - Madrona Village Neighborhoods 1 & 2	35-20-73-77307	\$31,360					
2018 Resurfacing - Madrona Village Neighborhood 5	10-60-83-88301			\$505,340			
2018 Resurfacing - Madrona Village Neighborhood 5	35-20-73-77307		\$32,160				
2019 Resurfacing - Wildspring Road Resurfacing	10-60-83-88301				\$852,925		
2019 Resurfacing - Wildspring Road Resurfacing	35-20-73-77307			\$49,000			
750,000 Gallon Elevated Tank	50-60-81-88101			\$55,000	\$2,345,000		
Cambridge Lift Station and Force Main Replacement	50-60-81-88101	\$465,000					
Capri/Avilon Water Main Replacement	35-20-83-88301			\$19,800	\$258,100		
Capri/Avilon Water Main Replacement	50-60-81-88101			\$78,300	\$1,092,300		
Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization	50-60-81-88101	\$211,442					
Cedar Valley Park Pond Public Flood Control Project	35-20-88-88801	\$75,000	\$83,400	\$75,000	\$75,000		
Commuter Lot Maintenance and Paving	51-60-86-88601	\$12,200	\$193,200	\$24,800	\$282,700		
Concrete Curb and Gutter and Sidewalk Repair Program	35-20-88-88801	\$59,000	\$59,000	\$59,000	\$59,000	\$59,000	\$59,000
Crack Sealing Program	10-60-74-77436	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Drainage Improv./Wetland Maintenance - 700 Railroad Ave.	35-20-88-88801	\$53,000	\$5,000		\$5,000		\$5,000
Emergency Water Interconnect	50-60-81-88101		\$147,000				
Fairfield & Route 134 Water Main Improvements	50-60-81-88101			\$33,000	\$147,000		
Fairfield & Route 134 Water Main Improvements (Sidewalk)	35-20-88-88802				\$20,000		
Geographic Information System (GIS) Software	01-60-91-99107	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
Geographic Information System (GIS) Software	50-60-91-99107	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
Hillandale Drive Water Main Replacement	35-20-83-88301	\$6,200	\$85,100				
Hillandale Drive Water Main Replacement	50-60-81-88101	\$39,400	\$542,100				
METRA Main Parking Lot Paving	51-60-86-88601	\$203,000					
Midland Drive Water Main Replacement	35-20-83-88301	\$180,900					
Midland Drive Water Main Replacement	50-60-81-88101	\$582,600					
Nippersink Lift Station Remodel/Replacement	50-60-81-88101	\$440,000					
North Rosedale Pavement Rehabilitation	35-20-83-88301	\$90,000					
Orchard St/Ravine Ave/Cranberry Ct Water Main Replacement	35-20-88-88801					\$17,300	\$238,200
Orchard St/Ravine Ave/Cranberry Ct Water Main Replacement	50-60-81-88101					\$41,400	\$569,800
Pavement Maintenance - Pavement Patching	10-60-83-88301					\$95,700	
Pavement Maintenance - Pavement Patching	35-20-73-77307				\$4,300		
Pavement Management Report Update	35-20-73-77307					\$25,000	
PW & Police Dept. Parking Lot Resurfacing	35-20-88-88801	\$16,800	\$231,000				
Rehabilitate Nippersink Road	10-60-83-88301	\$540,000					
Rehabilitate Nippersink Road	50-60-81-88101	\$110,000					
Sanitary Sewer System Inspecting, Cleaning and Maintenance	50-60-81-88101	\$375,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000
SCADA Server Phone Line Upgrade	50-60-91-99101	\$16,000					
Second CLCJAWA Delivery Structure	50-60-81-88101	\$75,000	\$1,041,000				
Village Hall Parking Lot Resurfacing	35-20-88-88801	\$6,000	\$83,600				
Water Main Leak Detection Assessment	50-60-81-88101	\$84,000					
Well No. 3 Rehabilitation	50-60-81-88101	\$325,000					
<b>Total Engineering</b>		<b>\$4,022,402</b>	<b>\$3,309,560</b>	<b>\$1,154,740</b>	<b>\$5,396,825</b>	<b>\$493,900</b>	<b>\$1,127,500</b>
<b>Grand Total</b>		<b>\$5,491,588</b>	<b>\$4,443,231</b>	<b>\$3,139,784</b>	<b>\$6,116,536</b>	<b>\$1,651,372</b>	<b>\$1,807,831</b>

# Police Department

Capital Projects/Acquisition Requests

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Community Service Vehicle

**FYE:** 2017

**Project Description/** Acquisition and deployment of one Community Service Officer light SUV or truck, which also includes vehicle  
**Capital Request:** equipment. The vehicle will replace the 2015 Ford Explorer that is currently in service.

**Anticipated Benefits:** The anticipated benefits of the purchase of a new vehicle for the police department Community Service Officer includes a reduction in maintenance costs associated with the 2015 Ford Explorer that will be near or at its workable service life end after 7 years.

**Existing Condition:** The total cost for equipment reflects any new equipment that will have to be bought to outfit the model vehicle that replaces the 2015 Ford Explorer that may not change over, or that which is simply outdated or worn out. Installation is included by use of the Facility and Fleet Coordinator who can install the equipment in vehicles. That may reduce the overall cost estimate.

**Fiscal Year End Needed:** 2022      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
60-40-80-88024	Equipment	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000	
60-40-80-88004	Vehicles	\$0	\$0	\$0	\$0	\$0	\$31,500	\$31,500	
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$36,500</b>	<b>\$36,500</b>	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$36,500</b>	<b>\$36,500</b>	

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Repairs and preventive maintenance services

**Annual Operating Costs:** -

**Identify Annual Costs:** Periodic maintenance, repairs, gas & oil.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Police Vehicles

**FYE:** 2017

**Project Description/** Acquisition and deployment of 3 police vehicle(s), which includes vehicle equipment. This includes 2 marked patrol  
**Capital Request:** squad cars and 1 unmarked vehicle.

**Anticipated Benefits:** The anticipated benefits of the acquisition of new vehicles for the police department include reduced maintenance costs associated with older vehicles and a reasonable rotation of vehicles to ensure the maximum life and deployment of police vehicles dependent upon the function of the vehicle. The actual price of the 2016/17 model vehicles has not been released at time of report. The price considered is last years price with the addition of a 3% inflation estimate.

**Existing Condition:** The 2016 model year will be the fourth year of the current product line of Ford Police Interceptors and Explorers. We know that some equipment can successfully be recycled from the remaining Ford Crown Victoria's and any transfer overs from the current line; however, it is not clear what current equipment will be have a serviceable life and as well as be compatible with the new model. Installation is included in the estimate; however, if the Facility & Fleet Coordinator can install the equipment in, then the installation costs will be less than stated.

**Fiscal Year End Needed:** Various      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
60-40-80-88024	Equipment	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911	\$99,938
60-40-80-88004	Vehicles	\$84,036	\$84,557	\$89,153	\$91,828	\$94,583	\$97,420	\$541,577
-	<b>Fund subtotal</b>	\$99,486	\$100,471	\$105,544	\$108,711	\$111,972	\$115,331	\$641,515
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$99,486	\$100,471	\$105,544	\$108,711	\$111,972	\$115,331	\$641,515

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Repairs and preventive maintenance services

**Annual Operating Costs:** -

**Identify Annual Costs:** Periodic maintenance, repairs, gas & oil.  
 (personnel, equipment, subscriptions, utilities, and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Police Vehicle Mobile Data Computers

**FYE:** 2017

**Project Description/** Acquisition of a police vehicle Mobile Data Computers. Each MDC costs approximately \$3,000.

**Capital Request:**

**Anticipated Benefits:** The anticipated benefits of the acquisition of replacement Mobile Data Computers is the reduction of failures and adaptation of modern operating software.

**Existing Condition:** Our computers are at the end of our serviceable life and are beginning to suffer from compatibility issues due to software size and technology. Many of the computers we use are borrowed from another agency.

**Fiscal Year End Needed:** Various      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-80-88024	<b>Equipment</b>	\$15,000	\$15,000	\$9,000	\$9,000	\$9,000	\$9,000	\$66,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$15,000	\$15,000	\$9,000	\$9,000	\$9,000	\$9,000	\$66,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$15,000	\$15,000	\$9,000	\$9,000	\$9,000	\$9,000	\$66,000

**Fund(s) Supporting Cost:** Technology Replacement

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other      Repairs and preventive maintenance services

**Annual Operating Costs:** -

**Identify Annual Costs:** Periodic maintenance.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

Department: Police

Requested By: Michael Gillette

Title: Carpet Repairs

FYE: 2017

Project Description/ Capital Request: Repair and replace carpet at the Police Station that need such work.

Anticipated Benefits: The Police Station will be about 11 years old in FYE 2017. There will be upkeep needs including carpet repair and replacement needs in the most traveled sections of the building if not the entire building.

Existing Condition: Currently, the building carpet is cleaned and maintained twice annually, so it is in a good state of repair. This project is anticipated for future repairs that happen as the building ages.

Fiscal Year End Needed: 2018      Lead Time in months: 3 mos.      Priority: 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-40-85-88501	Carpet Repairs	\$0	\$10,000	\$10,000	\$5,000	\$5,000	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$10,000	\$10,000	\$5,000	\$5,000	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$30,000</b>

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

Annual Operating Costs: -

Identify Annual Costs: This was a capital project is scheduled for the FYE 2018 and years thereafter, if needed due to regular or unexpected (personnel, equipment, building maintenance and age issues. This project will be economics driven and may be adjusted on an as needed subscriptions, utilities, basis to conserve and make due if repairs are only minor and the floor coverings remain in good repair. and other items.)

Project Number: -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Community Room Technology

**FYE:** 2017

**Project Description/** Replacement of Projector, DVD, Blue Ray or comparable Video playing device, Sound system and/or other  
**Capital Request:** technology as modern science changes through time or wear.

**Anticipated Benefits:** The Community Room is open for use to the citizens and residents of the Village. As a result is it widely used. The hospitality the Village extends is a good representation of the Village care for the community.

**Existing Condition:** As the Community room is open to the public, it is important to keep the room fresh, comfortable and inviting to use. The technology has currently reached or is reaching the end of serviceable life.

**Fiscal Year End Needed:** Various      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-91-99117	Installation	\$1,500	\$3,000	\$1,500	\$6,000	\$1,500	\$1,500	\$15,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$1,500</b>	<b>\$3,000</b>	<b>\$1,500</b>	<b>\$6,000</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$15,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
-	<b>Total</b>	<b>\$1,500</b>	<b>\$3,000</b>	<b>\$1,500</b>	<b>\$6,000</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$15,000</b>

**Fund(s) Supporting Cost:** Technology Replacement

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Replacement of Community Room Technology  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Community Room Furniture and Carpeting

**FYE:** 2017

**Project Description/** Replacement of chairs in the 2018 budget year. Replacement of Carpeting in the 2019 budget year if needed.

**Capital Request:** Cleaning of carpet and chairs in the 2017 budget year.

**Anticipated Benefits:** The Community Room is open for use to the citizens and residents of the Village. As a result is it widely used. The hospitality the Village extends is a good representation of the Village care for the community.

**Existing Condition:** As the Community room is open to the public, it is important to keep the room fresh, comfortable and inviting to use. The chairs are currently reaching the end of serviceable life in a setting such as the public Community Room.

**Fiscal Year End Needed:** Various      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-40-80-88018	Installation	\$0	\$30,000	\$15,000	\$0	\$0	\$0	\$45,000
62-40-80-88018	Cleaning	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
-	Fund subtotal	\$5,000	\$30,000	\$15,000	\$0	\$0	\$0	\$50,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$5,000</b>	<b>\$30,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Cleaning, and replacement of furniture and carpeting over a three year span.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Office Furniture Repair and Replacement

**FYE:** 2017

**Project Description/** Replacement and repair of facility furniture (desks, chairs, tables, etc.) as needed.

**Capital Request:**

**Anticipated Benefits:** Keeping the furniture used in the building promotes a healthy, clean and functional work environment. Replacing broken and worn out office furniture can potentially reduce workers compensation claims from accidents and poor ergonomic support. Keeping furniture fresh also offers a professional public appearance to outside visitors.

**Existing Condition:** Some chairs are reaching the end of serviceable life and will need to be replaced at some point in the future.

**Fiscal Year End Needed:** Various      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-40-80-88018	Installation	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$30,000</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$30,000</b>

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Replacement of furniture as needed for attrition, wear, or needs driven by technology changes.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Building Video Surveillance System

**FYE:** 2017

**Project Description/** Replacement of the Building Video Surveillance System as needed due to wear, age, out dated mechanics and  
**Capital Request:** electronics.

**Anticipated Benefits:** The Building Video Surveillance System is an original tool in place when the building was first opened. It runs 24 hours a day, 7 days per week. The system is no different than personal home video recording devices except that the machine uses a hard drive to record on rather than a removable disc. It was updated in year end 2016. Wear and dating is an issue to deal with concerning this machine.

**Existing Condition:** The system will have been upgraded in year end 2016. The DVR, cameras, and especially monitors are have a finite working life. Parts of this system is required by statute. Therefore we need to plan for part failures and technology upgrades as time passes to avoid rendering the system unserviceable..

**Fiscal Year End Needed:** As needed      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-91-99117	<b>Purchase</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$5,000	\$20,000	\$37,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$5,000	\$20,000	\$37,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$5,000	\$20,000	\$37,000

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** The system is relatively inexpensive once installed. It demands little maintenance, and periodic checks. The system (personnel, equipment, that we currently have requires computer technology that could require updated software or mechanical parts for the subscriptions, utilities, recording device into the future. and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Interview Room Hi-Definition Video Recording System

**FYE:** 2017

**Project Description/ Capital Request:** Replacement of the Building Video Surveillance System parts as needed due to wear, age, out dated mechanics and electronics.

**Anticipated Benefits:** The Interview Room Video Recording system was updated in year end 2016. The system is conjoined with the building system. It was purchased from Current Technologies in Dec. 2015. It does run 24 hours a day, 7 days per week when motion is detected in the interview room. The system is subject to electronics failure and aging it is different from personal home video recording devices in that it must be kept up to date and is required by law to have. Wear and dating is an issue to deal with concerning this machine.

**Existing Condition:** The system is new as of January 2016. However some old parts were incorporated in the new system. Specifically the camera and microphone in the interview room.

**Fiscal Year End Needed:** As needed      **Lead Time in months:** 3 mos.      **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
61-40-91-99117	Purchase	\$1,200	\$1,200	\$0	\$0	\$0	\$15,000	\$17,400
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$1,200	\$1,200	\$0	\$0	\$0	\$15,000	\$17,400
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Total	\$1,200	\$1,200	\$0	\$0	\$0	\$15,000	\$17,400

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** The system is relatively inexpensive once installed. It demands little maintenance, and periodic checks. The system (personnel, equipment, that we currently have requires updated software for the recording device. This system is required in cases of First & subscriptions, utilities, Second Degree Murder, manslaughter, DUI involving death, and several other criminal interviews. This piece of the and other items.) recording system is only used in the interview room.

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** NIPAS EST Ballistic Vest and Equipment Replacement

**FYE:** 2017

**Project Description/** Replacement of the NIPAS EST member Ballistic Vest and Equipment is required through product expiration. The **Capital Request:** NIPAS vest was last purchased in 2014.

**Anticipated Benefits:** The NIPAS member Ballistic Vest is used often and the anticipated benefits are with proper care and replacement should remain a viable life safety option for the officer using it.

**Existing Condition:** In July of 2014 the vest was purchased new. It and other worn equipment will come due in 2019.

**Fiscal Year End Needed:** 2019      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	2017	2018	<u>Total Project Costs</u>				Total
				2019	2020	2021	2022	
01-40-75-77531	Purchase	\$0	\$0	\$8,000	\$0	\$0	\$0	\$8,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$8,000	\$0	\$0	\$0	\$8,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$0	\$8,000	\$0	\$0	\$0	\$8,000

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Radar Trailer

**FYE:** 2017

**Project Description/** Replacement of radar trailer. By 2017, the current radar trailer will over ten years old and ready for replacement.

**Capital Request:** Currently, replacement parts are not produced and need to be custom made or retro-fitted. Five years ago the machine was damaged in a storm and no longer has solar charging capabilities.

**Anticipated Benefits:** The radar trailer is a popular and useful tool in helping the department address speeding complaints lodged by residents, and when we suspect speeding may be a problem in an area.

**Existing Condition:** As of October 2015, the current Radar Trailer is out of service. The Radar component of the trailer has failed. In July of 2010 the trailer was outside when a sudden violent windstorm struck the Round Lake area and surrounding suburbs. The trailer was blown over onto its side. In the fall the solar panel that helps keep the trailer batteries charged was destroyed. The manufacturer no longer supplies parts to replace the solar panel. The current trailer is 13 years old.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
60-40-80-88001	Purchase	\$18,000	\$0	\$0	\$0	\$0	\$20,000	\$38,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$18,000	\$0	\$0	\$0	\$0	\$20,000	\$38,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$18,000	\$0	\$0	\$0	\$0	\$20,000	\$38,000

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** UPS Batteries and Maintenance

**FYE:** 2017

**Project Description/ Capital Request:** The uninterrupted power supply at the police station is 11 years old. It was serviced and all of the 40 batteries that make up the device have were replaced in August of 2015. By 2020 if the device is still in working order the batteries will likely need to be replaced once again. As of 2016, the device is meeting the need for which it was installed and the system has been maintained.

**Anticipated Benefits:** This project is to develop a plan to address building needs as the needs are presented.

**Existing Condition:** The building will be ten years old this year and is in need of some attention.

**Fiscal Year End Needed:** 2020      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-91-99117	Purchase	\$0	\$0	\$0	\$6,000	\$0	\$0	\$6,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$6,000	\$0	\$0	\$6,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$0	\$0	\$0	\$6,000	\$0	\$0	\$6,000

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds and Seizure Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Building Upkeep

**FYE:** 2017

**Project Description/ Capital Request:** The Police, Public Works Building and Community Room are 11 years old. The building is beginning to show signs of wear and is in need of painting in many locations inside and outside.

**Anticipated Benefits:** This project is to develop a plan to address building needs as the needs for grounds repair, plumbing, minor remodeling, painting and wall repairs are presented.

**Existing Condition:** The building is eleven years old. As such, there are many locations inside and on the exterior that need some attention in regards to chalking, window replacement, painting, plumbing, crack sealing, pothole repair, sealcoating, fence repair and other general repairs. In 2017 we will seek to paint and repair the community room and make parking lot repairs for potholes and striping.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
62-40-85-88501	Purchase	\$25,000	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	<b>Fund subtotal</b>	\$25,000	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$25,000</b>	<b>\$15,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$80,000</b>	

**Fund(s) Supporting Cost:** Building Replacement Fund  
**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Patrol Ballistic Shields

**FYE:** 2017

**Project Description/** The Police Patrol division uses two ballistic shields for calls where a tactical approach is necessary. These shields

**Capital Request:** have a life expectancy of 5 years. We last purchased two ballistic shields in March, 2013. The cost then was a negotiated price of \$1,200 each, Pricing in 2016 averages \$1,450.00 each.

**Anticipated Benefits:** This project is to develop a replacement plan for these ballistic shields.

**Existing Condition:** The current shields will be four years old at the end of the 2017 budget year end.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
01-40-80-88001	Purchase	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000

**Fund(s) Supporting Cost:** General Fund  
**Funding Sources:** General Revenues  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Evidence Drying Cabinet

**FYE:** 2017

**Project Description/** The durable, stainless steel-lined Protector Evidence Drying Cabinet provides a secure ventilated area to dry evidence

**Capital Request:** such as clothing, bedding and marijuana. The cabinet's HEPA and carbon filtered exhaust protects personnel from exposure to biohazards while eliminating nuisance odors. The key-activated ultraviolet light provides secondary disinfection of the interior between cases to prevent cross contamination. ensuring integrity of samples for DNA

**Anticipated Benefits:** The benefits include greater security of the evidence and absolute OSHA Compliance for Blood borne pathogens and other bio-hazards.

**Existing Condition:** The Round Lake Police Department currently uses the police station garage to dry evidence (clothes wet with blood and/or other bodily fluids, wet plant material such as fresh marijuana). Although we have used the garage for this purpose over a number of years, it is not a best practice to protect the integrity of the evidence or a safe method to handle items with potential blood Bourne pathogens hazards.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
01-40-80-88001	Purchase	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fund subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>

**Fund(s) Supporting Cost:** General Fund  
**Funding Sources:** General Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Annual cost \$300.00 for filter replacement dependent on how often the device is used.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Automated External Defibrillator Replacements (two devices).

**FYE:** 2017

**Project Description/** When a 911 call is placed, police are typically first on scene to a sudden heart attack - a condition that kills more than  
**Capital Request:** 369,000 a year in the USA. The only effective treatment is an immediate shock from an AED. AED's can also help to protect police officers and other employees. Law enforcement is among the highest risk occupations for sudden heart attacks.

**Anticipated Benefits:** The anticipated benefits are having rescue ready technology available to render immediate assistance to people in need in an effort to save a life. The devices proposed will replace one device that has recently failed an another that is over 11 years old.

**Existing Condition:** The Round Lake Police Department uses AED's which we carry with us in patrol vehicles. We have 2 AED's one of which has recently failed and the second is well over 13 years old.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-80-88024	Purchase	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$10,000

**Fund(s) Supporting Cost:** Technology Replacement

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Annual cost could include up to \$300.00 for battery and pad replacement dependent on how often the device is used.  
 (personnel, equipment, subscriptions, utilities, and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Police

**Requested By:** Michael Gillette

**Title:** Replacement Patrol Vehicle Radar Unit(s)

**FYE:** 2017

**Project Description/** Replace Patrol Vehicle Radar Units

**Capital Request:**

**Anticipated Benefits:** The anticipated benefits are having current radar technology available to replace old outdated or worn out equipment.

**Existing Condition:** The Round Lake Police Department uses radar devices in each patrol vehicle. This is a plan to replace older units.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-80-88024	Purchase	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000

**Fund(s) Supporting Cost:** Technology Replacement

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Annual recertification.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

# Public Works

Capital Projects/Acquisition Requests

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** "Smoke Test" Sanitary Sewer System Program

**FYE:** 2017

**Project Description/ Capital Request:** In a 4-5 year Phased approach, determine the location of inflow/ infiltration (I+I) into our Sanitary Sewer System

**Anticipated Benefits:** Identifying the source of I+I will allow for an organized and prioritized approach to reducing I+I and eliminating the occurrence of excessive sewer flows, periodic back ups/ overflows.

**Existing Condition:** The Sanitary Sewer System in the old part of Round Lake has numerous direct connections of storm water discharges into our sanitary sewers. Additionally, the old public and private sewer systems have cracks and gaps that allow ground water to infiltrate into sewers.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 2 mos.      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Smoke testing	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Heavy Storage Racking

**FYE:** 2017

**Project Description/** Build tall racking in the Public Works garage along the east wall.

**Capital Request:**

**Anticipated Benefits:** The racking will take advantage of the tall ceilings in the garage and provide much needed storage space for plows, spreaders and other items.

**Existing Condition:** Plows and spreaders are stored outside where they are exposed to the elements. This causes fittings and hoses to deteriorate and require time consuming and costly repairs every fall to get them back into useable condition.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Racking	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Projects Fund

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Refurbish Trucks

**FYE:** 2017

**Project Description/** Send truck #44 to Monroe Truck to replace dump body, front and wing plows and upgrade liquids system. Send F-  
**Capital Request:** 550 trucks (three of them) to Monroe to add liquid anti-icing capabilities and upgrade the plow assembly to a heavier duty plow.

**Anticipated Benefits:** More efficient snow removal and salting. By adding anti-icing equipment it would allow a driver to add liquids to the salt for better salt conservation at lower temperatures. Also less of a chance of the roads becoming hard packed. The stainless steel dump body would not rust and can be transferred to a new chassis when the time comes.

**Existing Condition:** Existing truck needs major dump body work and anti-icing upgrade.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 10      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
60-60-80-88024	Truck Refurbish	\$60,000	\$13,000	\$13,000	\$13,000	\$0	\$0	\$99,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$60,000	\$13,000	\$13,000	\$13,000	\$0	\$0	\$99,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$60,000	\$13,000	\$13,000	\$13,000	\$0	\$0	\$99,000

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** -  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Upgrade Controls and Install Back Up Power Generator

**FYE:** 2017

**Project Description/** Contractor to build and install a new control panel (Village specs) and new back up power generator.

**Capital Request:**

**Anticipated Benefits:** This is a long term initiative to increase the number of lift stations with installed back up power to provide reliable operation in the event of a power outage. This will also eliminate the need for staff to travel to the lift station with a portable generator.

**Existing Condition:** The Village has several lift stations which do not have a dedicated back up power generator to allow for continued operation in a power outage. In an extended power outage, staff's ability to activate the lift station pumps with a portable generator on a continuous (24 hr./day) basis by traveling from site to site is extremely labor intensive and questionable as to being sustainable.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Generator &	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Control Panel	\$73,000	\$83,000	\$93,000	\$0	\$0	\$0	\$249,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$73,000	\$83,000	\$93,000	\$0	\$0	\$0	\$249,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$73,000	\$83,000	\$93,000	\$0	\$0	\$0	\$249,000

**Fund(s) Supporting Cost:** Water & Sewer  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Replace Non-Operative Water Main Valves & Fire Hydrants

**FYE:** 2017

**Project Description/** Replace non-operative Water Main Valves and Fire Hydrants.

**Capital Request:**

**Anticipated Benefits:** Restore the ability to limit an area affected by water main breaks and planned water distribution system work. Provide for fire fighting capability in accordance with expected standards.

**Existing Condition:** Over 40 Water Main valves, primarily in "Old Town" are non-operative due to either corrosion, component breakage or both. Eight plus fire hydrants can not be activated.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4 mos.      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
50-60-81-88101	Valves and	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Fire hydrants	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000

**Fund(s) Supporting Cost:** Water & Sewer Fund

**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Liquid Anti-Icing, Deicing Distributor

**FYE:** 2017

**Project Description/** Slip-In Liquid Anti-Icing, deicing Distributor (1000 gallon capacity) that will fit inside a 5 yard dump.

**Capital Request:**

**Anticipated Benefits:** Provide initial capability to anti-ice as well as deice Village roads, sidewalks and parking lots.

**Existing Condition:** Public Works does not have the capability to effectively anti-ice our road network.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 10      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
01-60-80-88001	Slip in Deicer	\$18,000	\$0	\$0	\$0	\$0	\$0	\$18,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$18,000	\$0	\$0	\$0	\$0	\$0	\$18,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$18,000	\$0	\$0	\$0	\$0	\$0	\$18,000

**Fund(s) Supporting Cost:** General Fund  
**Funding Sources:** General Fund Operating Revenues  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Pickup Truck Replacements

**FYE:** 2017

**Project Description/** Replace existing fleet as pickup trucks begin to break down. In FYE 2018 replace truck #40, in FYE 2019 replace  
**Capital Request:** truck #52, in FYE 2020 replace truck #55, and in FYE 2021 replace truck #45.

**Anticipated Benefits:** As trucks get older they become more expensive to maintain and repair and it becomes more cost effective to replace them with new trucks. A new plow and assembly may also be purchased with each new truck depending on the stock on hand at the time so the truck can be used for plowing.

**Existing Condition:** Existing truck #40 will be 13 years old at time of replacement, truck #52 will be 13 years old at time of replacement, truck #55 will be 11 years old at time of replacement and truck #45 will be 10 years old at time of replacement.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
60-60-80-88004	Truck	\$30,000	\$33,000	\$34,000	\$35,000	\$35,000	\$35,000	\$202,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$30,000	\$33,000	\$34,000	\$35,000	\$35,000	\$35,000	\$202,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$30,000	\$33,000	\$34,000	\$35,000	\$35,000	\$35,000	\$202,000

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** -  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** New large Trucks

**FYE:** 2017

**Project Description/ Capital Request:** Replace existing fleet as trucks begin to break down. In FYE 2017 replace truck #56 (10 yd) with a new 5 yard dump truck, in FYE 2018 replace bucket truck, in FYE 2019 add a new 5 yard dump truck, and in FYE 2020 purchase a new 5 yard dump truck.

**Anticipated Benefits:** More efficient snow removal and salting. By adding a wing, this truck would save an hour on the snow route. By adding anti-icing equipment it would allow a driver to add liquids to the salt for better salt conservation at lower temperatures. Also less of a chance of the roads becoming hard packed.

**Existing Condition:** Existing truck #56 needs a new mold board for the plow; cannot keep putting money into this 15 year old truck. It is too large to efficiently plow Village streets.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 10      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
60-60-80-88004	Truck	\$185,000	\$170,000	\$0	\$0	\$0	\$0	\$355,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$185,000</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$355,000</b>
01-60-80-88004	Truck (New)	\$0	\$0	\$95,000	\$95,000	\$0	\$0	\$190,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190,000</b>
50-60-80-88004	Truck (New)	\$0	\$0	\$95,000	\$95,000	\$0	\$0	\$190,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$95,000</b>	<b>\$95,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$190,000</b>
	<b>Total</b>	<b>\$185,000</b>	<b>\$170,000</b>	<b>\$190,000</b>	<b>\$190,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$735,000</b>

**Fund(s) Supporting Cost:** Vehicle Replacement Fund

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** New Vehicles are charged to the General & Water/Sewer Funds

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** -  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Heavy Equipment

**FYE:** 2017

**Project Description/** Large equipment items. For FYE 2017, a sidewalk machine for winter ops. In FYE 2018, a fork lift. For FYE 2019, **Capital Request:** a new combination backhoe.

**Anticipated Benefits:** The sidewalk machine will speed up snow removal on Village sidewalks and reduce damage to adjacent parkways. The fork lift will be used for storing equipment and supplies on tall indoor racking. The combination backhoe is necessary for repairs to Village utilities.

**Existing Condition:** Staff currently uses snow blowers to clear sidewalks which is labor intensive and time consuming. The Village does not have equipment that will reach higher than 11 feet to store something. The current backhoe is a 1996 model and is beginning to wear out.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 6      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
01-60-80-88001	SW Machine	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
	Fork Lift	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
	<b>Fund subtotal</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>
50-60-80-88001	SW Machine	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
	Fork Lift	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
	<b>Fund subtotal</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>
60-60-80-88001	Backhoe	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>
	<b>Total</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235,000</b>

**Fund(s) Supporting Cost:** General Fund and Water & Sewer Fund

**Funding Sources:** General Fund and Water & Sewer Operating Revenue

**Other Revenue Source(s):** Backhoe is a replacement - purchased out of the Vehicle Replacement Fund

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Conversion to LED Street Lights Program

**FYE:** 2017

**Project Description/** Convert existing Decorative Street Lights from metal halide bulbs to LED

**Capital Request:**

**Anticipated Benefits:** LED Street Light Bulbs are significantly more energy efficient and retain light intensity output for the entire life (over 80,000 hours).

**Existing Condition:** There are over 850 Decorative Street Lights all of which use metal halide bulbs that have an operating life of approximately 20,000 hours (5 years) but loose output brightness over their life.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Purchase	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$200,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$200,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$200,000

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Parkway Tree Replacement Program

**FYE:** 2017

**Project Description/** Replace dead /dying Parkway Trees. Also includes hazard trees

**Capital Request:**

**Anticipated Benefits:** Remove unsightly, hazardous Parkway Trees and install high quality replacement trees.

**Existing Condition:** Approximately 550 Parkway Trees need replacement based on 2012/2013 Tree survey

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Remove dead parkv	\$65,000	\$65,000	\$65,000	\$0	\$0	\$0	\$195,000
-	trees (EAB)	-	-	-	-	-	-	\$0
35-20-88-88801	Replant parkway	\$5,000	\$5,000	\$5,000	\$65,000	\$65,000	\$65,000	\$210,000
-	trees (EAB)	-	-	-	-	-	-	\$0
35-20-88-88801	Hazard Trees	\$5,000	\$5,000	\$5,000	\$10,000	\$10,000	\$10,000	\$45,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$450,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$450,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Parkway Tree Pruning Program

**FYE:** 2017

**Project Description/** Prune Village parkway trees

**Capital Request:**

**Anticipated Benefits:** By pruning trees, the shape of the tree can be controlled and the overall health of the tree is improved. Visibility on roadways and sidewalks will improve and storm damage from falling branches will be reduced. The parkway trees also need to be pruned to provide clearance for vehicles on the roadways and pedestrians on the sidewalks

**Existing Condition:** The Village does not have a tree pruning program other than reacting to resident calls. Many trees are overgrown, hanging into roadways. The Public Works department has had to repair or replace side mirrors and light bars on trucks because they get hit by low hanging branches.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 6      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Tree pruning	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$45,000	\$345,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$45,000	\$345,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$45,000	\$345,000

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Lift Station Repairs

**FYE:** 2017

**Project Description/ Capital Request:** Install deflector plates in sanitary lift stations that don't have them. Replace pumps and controller at Curran Lift station.

**Anticipated Benefits:** The deflector plates direct sanitary flow coming into the lift station so it does not dump on top of the lift station pumps or floats. This will reduce wear on the pumps and floats and reduce unnecessary call-outs created by floats being knocked around. The pumps in Curran lift station repeatedly get clogged and need to be replaced with pumps that can chop up material to avoid clogging.

**Existing Condition:** There are currently seven lift stations that would benefit from having a deflector plate installed. Rosewood lift station also needs repairs to the float bracket, guide rails and guide rail brackets. Curran lift station will periodically go into high wet well or motor overload and then the pumps have to get pulled and cleaned.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-92-99208	Deflector install	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	& misc. repairs	\$46,000	\$0	\$48,000	-	-	-	\$94,000
50-60-92-99208	Pump Repl.	\$0	\$36,000	\$0	\$0	\$0	\$0	\$36,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$46,000	\$36,000	\$48,000	\$0	\$0	\$0	\$130,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$46,000	\$36,000	\$48,000	\$0	\$0	\$0	\$130,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Lightning Protection

**FYE:** 2017

**Project Description/ Design and installation of lightning protection and grounding system for the Public Works Building.  
Capital Request:**

**Anticipated Benefits:** Protect devices, such as SCADA from surges

**Existing Condition:** Existing lightning protection system is damaged

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-60-80-88001	Installation	\$21,000	\$0	\$0	\$0	\$0	\$0	\$21,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$21,000	\$0	\$0	\$0	\$0	\$0	\$21,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$21,000	\$0	\$0	\$0	\$0	\$0	\$21,000

**Fund(s) Supporting Cost:** Building Replacement

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Fire Hydrant Painting

**FYE:** 2017

**Project Description/** Re-paint existing fire hydrants throughout the Village. The paint lasts about 10 years so a 10 year rotation should be  
**Capital Request:** used to re-paint all hydrants.

**Anticipated Benefits:** A full coat of paint protects the hydrant from rust and extends the life of the hydrant. Bright red paint makes fire hydrants easier for emergency responders to find and improves the appearance of the Village.

**Existing Condition:** The Village has approximately 960 fire hydrants, many of which have peeling, chipped or missing paint.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-79-77901	Hydrant Painting	\$20,000	\$0	\$20,000	\$0	\$20,000	\$0	\$60,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$20,000	\$0	\$20,000	\$0	\$20,000	\$0	\$60,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$20,000	\$0	\$20,000	\$0	\$20,000	\$0	\$60,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Traffic Sign Replacement

**FYE:** 2017

**Project Description/ Capital Request:** Continue to replace traffic signs with new signs meeting the retro-reflective requirements of the MUTCD

**Anticipated Benefits:** Compliance with Federal Highway Administration guidelines and better night time visibility of signs

**Existing Condition:** The Village has replaced stop signs but needs to continue replacing other signs such as crosswalk, school zone, speed limit, street name signs, etc.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 2      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
01-60-74-77452	Traffic Sign	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Replacement	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$48,000
-	<b>Fund subtotal</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$48,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$48,000</b>

**Fund(s) Supporting Cost:** General Fund

**Funding Sources:** General Operating Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Traffic Sign Inventory

**FYE:** 2017

**Project Description/** Create an inventory of traffic signs and locations throughout the Village

**Capital Request:**

**Anticipated Benefits:** A traffic sign inventory will allow the Village to create a plan to comply with the Federal Highway Authority regulations on retroreflectivity. It will also be integrated into the GIS system so the Village has better and more useful records of assets.

**Existing Condition:** The Village has replaced stop signs but needs to continue replacing other signs such as crosswalk, school zone, speed limit, street name signs, etc.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-73-77319	Traffic Sign	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Inventory	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
	<b>Fund subtotal</b>	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
-	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Valve Exercise

**FYE:** 2017

**Project Description/** Have a contractor come in to open and close all the water valves in the Village. Get every valve exercised in the next **Capital Request:** two years and then establish a maintenance plan so every valve is exercised on a four rotation.

**Anticipated Benefits:** Determine which water valves are in need of repair so they can be fixed. When valves are broken, they can leak water. If a valve doesn't work properly, a larger area will be affected by a water shut down in the event of water main work being done or a main break. If a valve is not exercised, it is more likely to seize up.

**Existing Condition:** The last time the valves were exercised was in 2006.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-79-77901	Valve Exercise	\$30,000	\$30,000	\$12,000	\$12,000	\$12,000	\$12,000	\$108,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$30,000	\$30,000	\$12,000	\$12,000	\$12,000	\$12,000	\$108,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$30,000	\$30,000	\$12,000	\$12,000	\$12,000	\$12,000	\$108,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Storage Building

**FYE:** 2017

**Project Description/** Build a 40 foot by 80 foot cold storage building behind the Public Works garage

**Capital Request:**

**Anticipated Benefits:** The storage facility would allow trailers and material such as pipe, frames and lids, sign posts, etc. to be stored out of the elements. This would reduce fading, dry rot, rust and UV deterioration.

**Existing Condition:** Village trailers and supplies sit outside in the open air.

**Fiscal Year End Needed:** 2019      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-85-88501	Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Building	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
-	<b>Fund subtotal</b>	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** General and Water & Sewer Operating Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Water Storage Tank Cleaning

**FYE:** 2017

**Project Description/** Clean and inspect the inside of the two ground storage water tanks and the two elevated water storage tanks. The

**Capital Request:** work should be performed every four years on each tank. The work can be alternated between the ground and elevated storage tanks on a two year cycle.

**Anticipated Benefits:** Routine inspection of the tanks will help identify potential problems and cleaning will help preserve the life of the tanks.

**Existing Condition:** The Village cleaned and inspected the elevated tanks in FYE 2015.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	2017	2018	<u>Total Project Costs</u>				Total
				2019	2020	2021	2022	
50-60-79-77901	Tank Cleaning	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	& Inspection	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000
	<b>Fund subtotal</b>	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$75,000

**Fund(s) Supporting Cost:** Water & Sewer Fund

**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Water Tower Painting

**FYE:** 2017

**Project Description/** Clean and paint the inside or outside of the elevated water towers as needed.

**Capital Request:**

**Anticipated Benefits:** The paint on a tower helps keep the metal from rusting and corroding, prolonging the life of the tower.

**Existing Condition:** The Village has two elevated water tanks. Panther tower currently needs some interior paint work; the existing paint is beginning to chip off from ice wear. Wilson tower will likely need an exterior paint job by FYE 2019 and Panther tower will need it by FYE 2020.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 2      **Priority:** 2

Account Number	Description	2017	2018	<u>Total Project Costs</u>				Total
				2019	2020	2021	2022	
50-60-81-88101	Paint Elevated	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Water Tower	\$0	\$32,000	\$600,000	\$0	\$600,000	\$0	\$1,232,000
	<b>Fund subtotal</b>	\$0	\$32,000	\$600,000	\$0	\$600,000	\$0	\$1,232,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$32,000	\$600,000	\$0	\$600,000	\$0	\$1,232,000

**Fund(s) Supporting Cost:** Water & Sewer Fund

**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** Salt Barn Repairs

**FYE:** 2017

**Project Description/** Replace rotting and broken siding and trim. Repaint all of the siding.

**Capital Request:**

**Anticipated Benefits:** The siding needs to be painted every 5-7 years to maintain a waterproof coating to protect the wood from rotting.

**Existing Condition:** The siding has not been painted since it was installed in 2005.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 2      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-60-85-88501	Paint Salt Barn	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$24,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$24,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$24,000

**Fund(s) Supporting Cost:** Building Replacement

**Funding Sources:** Replacement funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Public Works

**Requested By:** Adam Wedoff

**Title:** MXU Replacements

**FYE:** 2017

**Project Description/** Replace MXU's that are beyond the life expectancy of the unit.

**Capital Request:**

**Anticipated Benefits:** New MXU's will be more reliable, have a stronger radio signal and will be under warranty for the next 20 years.

**Existing Condition:** The Village has approximately 1700 MXU's that are between 13-15 years old. The life expectancy of those units was only 7-8 years. The units have begun to fail, especially in colder weather, requiring them to be read manually.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-74-77428	MXU's	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$200,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$200,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

# Engineering

Capital Projects/Acquisition Requests

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Crack Sealing Program

**FYE:** 2017

**Project Description/** Sealing of pavement cracks is a critical and cost effective treatment to extend the life of Village roads by minimizing  
**Capital Request:** the amount of water that migrates through the pavement.

**Anticipated Benefits:** Prolong the life of Village owned roads.

**Existing Condition:** -

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
10-60-74-77436	Crack Sealing	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$90,000

**Fund(s) Supporting Cost:** Motor Fuel Tax Fund  
**Funding Sources:** MFT Operating Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 2017 Resurfacing - Madrona Village Neighborhoods 1 & 2

**FYE:** 2017

**Project Description/ Capital Request:** Resurface Beacon Lane, Cambria Drive, Concord Drive, Fielding Lane, Huntington Drive and Savoy Drive.

**Anticipated Benefits:** Resurfacing streets will restore the integrity of the roadway, preventing accelerated deterioration and more costly reconstruction.

**Existing Condition:** Residential neighborhood streets are exhibiting normal wear, with moderate raveling and pavement cracking. Overall the pavement is structurally sound.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
35-20-73-77307	Roadway Design	\$31,360	\$0	\$0	\$0	\$0	\$0	\$31,360	
10-60-83-88301	Roadway Const.	\$0	\$501,000	\$0	\$0	\$0	\$0	\$501,000	
10-60-83-88301	Rdwy Const. Eng.	\$0	\$50,500	\$0	\$0	\$0	\$0	\$50,500	
-	<b>Fund subtotal</b>	\$31,360	\$551,500	\$0	\$0	\$0	\$0	\$582,860	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$31,360</b>	<b>\$551,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,860</b>	

**Fund(s) Supporting Cost:** MFT and Capital Projects Fund  
**Funding Sources:** MFT and Capital Project Revenues  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 2018 Resurfacing - Madrona Village Neighborhood 5

**FYE:** 2017

**Project Description/** Resurface Aldridge Lane, Amberly Drive, Amberly Lane and Providence Lane.

**Capital Request:**

**Anticipated Benefits:** Resurfacing streets will restore the integrity of the roadway, preventing accelerated deterioration and more costly reconstruction.

**Existing Condition:** Residential neighborhood streets are exhibiting normal wear, with moderate raveling and pavement cracking. Overall the pavement is structurally sound.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-73-77307	Roadway Design	\$0	\$32,160	\$0	\$0	\$0	\$0	\$32,160
10-60-83-88301	Roadway Const.	\$0	\$0	\$459,400	\$0	\$0	\$0	\$459,400
10-60-83-88301	Rdwy Const. Eng.	\$0	\$0	\$45,940	\$0	\$0	\$0	\$45,940
	<b>Fund subtotal</b>	\$0	\$32,160	\$505,340	\$0	\$0	\$0	\$537,500
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$32,160	\$505,340	\$0	\$0	\$0	\$537,500

**Fund(s) Supporting Cost:** MFT and Capital Projects Fund

**Funding Sources:** MFT and Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 2019 Resurfacing - Wildspring Road Resurfacing

**FYE:** 2017

**Project Description/** Resurface Wildspring Road from Townline Road to Cedar Lake Road

**Capital Request:**

**Anticipated Benefits:** Resurfacing Wildspring Road will restore the integrity of the roadway, preventing accelerated deterioration and more costly reconstruction.

**Existing Condition:** Classified as a collector/distributor, Wildspring Road is exhibiting normal wear, with moderate raveling, pavement cracking and minor rutting. Overall the pavement is structurally sound.

**Fiscal Year End Needed:** 2019      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
35-20-73-77307	Roadway Design	\$0	\$0	\$49,000	\$0	\$0	\$0	\$49,000
10-60-83-88301	Roadway Const.	\$0	\$0	\$0	\$772,725	\$0	\$0	\$772,725
10-60-83-88301	Rdwy Const. Eng.	\$0	\$0	\$0	\$80,200	\$0	\$0	\$80,200
	<b>Fund subtotal</b>	\$0	\$0	\$49,000	\$852,925	\$0	\$0	\$901,925
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$0	\$49,000	\$852,925	\$0	\$0	\$901,925

**Fund(s) Supporting Cost:** MFT and Capital Projects Fund

**Funding Sources:** MFT and Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff =  
 Legal =  
 Engineering =  
 Other =

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 2020 Pavement Maintenance - Pavement Patching

**FYE:** 2017

**Project Description/** Village-wide patching of localized pavement failures.

**Capital Request:**

**Anticipated Benefits:** Combining smaller, annual street patching programs will likely result in more competitive bid prices due to economies of scale. Patching will restore the pavement integrity, providing additional years of service until streets can be resurfaced.

**Existing Condition:** Localized pavement failures consisting of allegator cracking, major ravelling and severe rutting, will be patched.

**Fiscal Year End Needed:** 2020      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
35-20-73-77307	Roadway Design	\$0	\$0	\$0	\$4,300	\$0	\$0	\$4,300	
10-60-83-88301	Roadway Const.	\$0	\$0	\$0	\$0	\$87,000	\$0	\$87,000	
10-60-83-88301	Rdwy Const. Eng.	\$0	\$0	\$0	\$0	\$8,700	\$0	\$8,700	
	<b>Fund subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,300</b>	<b>\$95,700</b>	<b>\$0</b>	<b>\$100,000</b>	
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,300</b>	<b>\$95,700</b>	<b>\$0</b>	<b>\$100,000</b>	

**Fund(s) Supporting Cost:** MFT and Capital Projects Fund

**Funding Sources:** MFT and Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other \*

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 2020 Pavement Management Report Update

**FYE:** 2017

**Project Description/ Capital Request:** Update the 2015 Pavement Management Report, including pavement condition assessment and five year plan of pavement maintenance and rehabilitation.

**Anticipated Benefits:** Updating the Pavement Management Report will ensure optimal use of Village resources to maintain existing roadways and miscellaneous pavements.

**Existing Condition:** The 2015 Pavement Management Report includes prioritized recommendations through 2020. The rate of pavement deterioration varies from location to location, based upon traffic volume and composition, subsurface conditions and environmental factors. Using condition ratings more than five years old to prioritize pavement rehabilitation projects, will not likely be the most cost effective use of Village resources.

**Fiscal Year End Needed:** 2021      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>				2021	2022	Total
		2017	2018	2019	2020			
35-20-73-77307	Design Eng.	\$0	\$0	\$0	\$0	\$25,000	\$0	\$25,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$25,000	\$0	\$25,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$0	\$0	\$0	\$0	\$25,000	\$0	\$25,000

**Fund(s) Supporting Cost:** Capital Projects Fund  
**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Fairfield & Route 134 Water Main Improvements

**FYE:** 2017

**Project Description/** Relocation and /or casing of approximately 225 feet linear feet of 12-inch and 550 linear feet of 10-inch water main

**Capital Request:** with the same size watermain on Fairfield Road and Route 134 due to future LCDOT intersection improvements.

**Anticipated Benefits:**

**Existing Condition:** Watermain is not in poor condition. However, LCDOT requires the Village to relocate the watermain out from under proposed pavement widening included in Route 134/Fairfield Road intersection improvements.

**Fiscal Year End Needed:** 2019      **Lead Time in months:** 12 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs				Total
				2019	2020	2021	2022	
50-60-81-88101	Design Eng.	\$0	\$0	\$18,000	\$0	\$0	\$0	\$18,000
50-60-81-88101	Construction	\$0	\$0	\$0	\$132,000	\$0	\$0	\$132,000
50-60-81-88101	Const. Eng.	\$0	\$0	\$0	\$15,000	\$0	\$0	\$15,000
50-60-81-88101	Investigation	\$0	\$0	\$15,000	\$0	\$0	\$0	\$15,000
	<b>Fund subtotal</b>	\$0	\$0	\$33,000	\$147,000	\$0	\$0	\$180,000
35-20-88-88802	Our Share S/W	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
	<b>Fund subtotal</b>	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$0	\$33,000	\$167,000	\$0	\$0	\$200,000

**Fund(s) Supporting Cost:** Water/Sewer Fund

**Funding Sources:** Water/Sewer Fund Revenues

**Other Revenue Source(s):** Capital Projects Fund for Village share of sidewalk

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** =

**Identify Annual Costs:** Construction and engineering costs are estimates provided by LCDOT. The relocation of watermain should be (personnel, equipment, significantly less than what LCDOT is requesting because much of the watermain is in IDOT ROW and Railroad subscriptions, utilities, ROW, where LCDOT does not have jurisdiction or in a casing pipe. The project is not currently scheduled for letting and other items.) and is awaiting funding. LCDOT indicates it is not likely to be funded unless IDOT funds it.

**Project Number:** -



**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Water Main Leak Detection Assessment

**FYE:** 2017

**Project Description/ Capital Request:** Retain Professional service to determine presence and severity of water main leaks via ultrasonic detection method.

**Anticipated Benefits:** Reduce unaccounted water loss which costs the Village approximately \$10,000 per year and reduce number of main breaks.

**Existing Condition:** The Village's water system consists of mechanical parts - valves, hydrants, pipes and service connections. Some of these, especially in older neighborhoods, have been in place over 50 years. Leaks in these areas may go unnoticed without systematic and methodical investigation.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Design Eng.	\$4,000	\$0	\$0	\$0	\$0	\$0	\$4,000
50-60-81-88101	Leak Detection	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
50-60-81-88101	Repairs	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
50-60-81-88101	Const. Eng.	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
	<b>Fund subtotal</b>	<b>\$84,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$84,000</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$84,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$84,000</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Emergency Water Interconnect w/ Round Lake Beach's Water Main on Lotus Dr.

**FYE:** 2017

**Project Description/** Interconnect Round Lake's 10" Water Main on Long Lake Drive with Round Lake Beach's 12" Water Main on Lotus  
**Capital Request:** Drive. Include a below-grade bi-directional metering station with isolation valves for manual activation.

**Anticipated Benefits:** Create the ability to provide water to either Village during an emergency situation such as an interruption of water supply.

**Existing Condition:** There is no interconnect between the two Villages even though the closest point of interconnect is only about 150 feet.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Design	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000
50-60-81-88101	Construction	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000
50-60-81-88101	Const. Eng.	\$0	\$12,000	\$0	\$0	\$0	\$0	\$12,000
	<b>Fund subtotal</b>	\$0	\$147,000	\$0	\$0	\$0	\$0	\$147,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$147,000	\$0	\$0	\$0	\$0	\$147,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** 750,000 Gallon Elevated Tank

**FYE:** 2017

**Project Description/** Provide a 750,000 gallon elevated water storage tank south of IL 120.

**Capital Request:**

**Anticipated Benefits:** Provide additional system storage to ensure that desired fire suppression flow rate can be provided on south side of the Village.

**Existing Condition:** Existing water storage tanks are located in the northern third of the Village. Fire suppression relies on transmission main capacity for adequate flow. As water demand continues to increase, domestic water use could be competing with fire flow requirements during Peak Hour Demand.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 12 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
50-60-81-88101	Design	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000
50-60-81-88101	Construction	\$0	\$0	\$0	\$2,300,000	\$0	\$0	\$2,300,000
50-60-81-88101	Const. Eng.	\$0	\$0	\$0	\$45,000	\$0	\$0	\$45,000
	<b>Fund subtotal</b>	\$0	\$0	\$55,000	\$2,345,000	\$0	\$0	\$2,400,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$0	\$55,000	\$2,345,000	\$0	\$0	\$2,400,000

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Midland Drive Water Main Replacement

**FYE:** 2017

**Project Description/** Replace approximately 1,500 feet of 6-inch water main with 8-inch water main.

**Capital Request:**

**Anticipated Benefits:** Improve reliability of this aging water main as well as water quality in the area. Fire flow will also increase with replacement of the old 6-inch water main to a new 8-inch water main.

**Existing Condition:** There have been water main breaks on this section due to the age of the pipe.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-83-88301	Roadway Design	\$12,200	\$0	\$0	\$0	\$0	\$0	\$12,200
35-20-83-88301	Roadway Const.	\$153,400	\$0	\$0	\$0	\$0	\$0	\$153,400
35-20-83-88301	Rdwy Const. Eng.	\$15,300	\$0	\$0	\$0	\$0	\$0	\$15,300
	<b>Fund subtotal</b>	<b>\$180,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$180,900</b>
50-60-81-88101	Design	\$39,600	\$0	\$0	\$0	\$0	\$0	\$39,600
50-60-81-88101	Construction	\$493,600	\$0	\$0	\$0	\$0	\$0	\$493,600
50-60-81-88101	Const. Eng.	\$49,400	\$0	\$0	\$0	\$0	\$0	\$49,400
	<b>Fund subtotal</b>	<b>\$582,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$582,600</b>
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$763,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$763,500</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Rehabilitate Nippersink Road from Elementary School Drive to IL 134 & replace water main between IL 134 & Cedar Lake Road (north).

**FYE:** 2017

**Project Description/** Resurface Nippersink Road from Elementary School Drive to Cedar Lake Road (south). Repair (patch) concrete base

**Capital Request:** and resurface Nippersink Road from Cedar Lake Road (south) to IL 134. Replace 400 LF of 6" water main from Cedar Lake Road (north) to IL 134.

**Anticipated Benefits:** Major improvement of pavement condition and drainage. Improved water pressure and fire flow.

**Existing Condition:** Pavement is in poor condition. Water distribution, fire flow needs improvement.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 4 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
10-60-83-88301	Roadway Const.	\$515,000	\$0	\$0	\$0	\$0	\$0	\$515,000
10-60-83-88301	Const. Eng.	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$555,000	\$0	\$0	\$0	\$0	\$0	\$555,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50-60-81-88101	Watermain Const.	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
50-60-81-88101	Const. Eng.	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	<b>Fund subtotal</b>	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$665,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$665,000</b>

**Fund(s) Supporting Cost:** MFT/Water & Sewer Fund

**Funding Sources:** MFT/Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** -  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** METRA Main Parking Lot Paving

**FYE:** 2017

**Project Description/** METRA Main Parking Lot Resurfacing  
**Capital Request:**

**Anticipated Benefits:** Resurfacing the main parking lot will restore the condition of the pavement, improving motorist and pedestrian safety, and enhance the overall appearance of the lot. Design services done in fiscal year end 2015.

**Existing Condition:** Pavement is in poor condition and continues to deteriorate.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	Total Project Costs							Total
		2017	2018	2019	2020	2021	2022		
51-60-86-88601	Construction	\$189,000	\$0	\$0	\$0	\$0	\$0	\$0	\$189,000
51-60-86-88601	Const Eng.	\$14,000	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$203,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$203,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$203,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$203,000</b>

**Fund(s) Supporting Cost:** Commuter Lot Fund

**Funding Sources:** Commuter Lot Fund Operating Revenues & Reserves

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Village Hall Parking Lot Resurfacing

**FYE:** 2017

**Project Description/** Maintain existing parking lot and driveway pavement at Village Hall. Resurfacing of alley (driveway) from Hart  
**Capital Request:** Road to Cedar Lake Road is included.

**Anticipated Benefits:** Periodic maintenance extends the useful life of pavements, preventing accelerated deterioration and minimizing the life cycle cost of pavements. Resurfacing in a timely manner will avoid the need for premature reconstruction.

**Existing Condition:** The existing pavement is in fair condition.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Design	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000
35-20-88-88801	Construction	\$0	\$76,000	\$0	\$0	\$0	\$0	\$76,000
35-20-88-88801	Const Eng.	\$0	\$7,600	\$0	\$0	\$0	\$0	\$7,600
	<b>Fund subtotal</b>	<b>\$6,000</b>	<b>\$83,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89,600</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$6,000</b>	<b>\$83,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$89,600</b>

**Fund(s) Supporting Cost:** Capital Projects Fund  
**Funding Sources:** Capital Projects Fund Revenues  
**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Public Works & Police Department Parking Lot Resurfacing

**FYE:** 2017

**Project Description/ Capital Request:** Maintain existing parking lot and driveway pavement at Public Works and Police Department facility.

**Anticipated Benefits:** Periodic maintenance extends the useful life of pavements, preventing accelerated deterioration and minimizing the life cycle cost of pavements. Resurfacing in a timely manner will avoid the need for premature reconstruction.

**Existing Condition:** The existing pavement is generally in fair condition.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Design	\$16,800	\$0	\$0	\$0	\$0	\$0	\$16,800
35-20-88-88801	Construction	\$0	\$210,000	\$0	\$0	\$0	\$0	\$210,000
35-20-88-88801	Const Eng.	\$0	\$21,000	\$0	\$0	\$0	\$0	\$21,000
	<b>Fund subtotal</b>	<b>\$16,800</b>	<b>\$231,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$247,800</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$16,800</b>	<b>\$231,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$247,800</b>

**Fund(s) Supporting Cost:** Commuter Lot Fund

**Funding Sources:** Commuter Lot Fund Operating Revenues & Reserves

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** CLCJAWA South Delivery Structure

**FYE:** 2017

**Project Description/ Capital Request:** Provide second connection point to CLCJAWA transmission main, including pressure adjusting and booster pumping facilities.

**Anticipated Benefits:** Supply redundancy will provide entire Village's water needs if the current supply to Cedar Lake Road pumping station is interrupted. CLCJAWA recommends redundancy. The West Group transmission line will provide a connection tee at no cost. This second connection is also recommended in the Village's 2007 Water Master Plan.

**Existing Condition:** The entire Village's current water demand is delivered by CLCJAWA to the Cedar Lake Road Pumping Station. The only other water supply source for the Village is backup Well #3 which, in conjunction with existing water storage, could only supply average demand for the Village for a period of several days.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12 months      **Priority:** 2

Account Number	Description	Total Project Costs							Total
		2017	2018	2019	2020	2021	2022		
50-60-81-88101	Design	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
50-60-81-88101	Construction	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
50-60-81-88101	Const. Eng.	\$0	\$41,000	\$0	\$0	\$0	\$0	\$0	\$41,000
	<b>Fund subtotal</b>	<b>\$75,000</b>	<b>\$1,041,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,116,000</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$75,000</b>	<b>\$1,041,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,116,000</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other \*

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Cedar Lake Road Lift Station/Squaw Creek Bank Stabilization

**FYE:** 2017

**Project Description/** Stabilize eroding banks of Squaw Creek in the vicinity of the Cedar Lake Road Sanitary Sewer Lift Station in  
**Capital Request:** conjunction with LCDOT improvements to Cedar Lake Road.

**Anticipated Benefits:** Stabilizing the eroding stream bank will ensure the continued integrity and operation of the Cedar Lake Road Lift Station.

**Existing Condition:** The existing stream bank is eroding, sloughing into the channel and baring tree roots. Trees thus destabilized, are falling into the channel impeding the flow and exacerbating ongoing erosion.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12 months      **Priority:** 1

Account Number	Description	<u>Total Project Costs</u>							Total
		2017	2018	2019	2020	2021	2022		
50-60-81-88101	Design Eng.	\$12,650	\$0	\$0	\$0	\$0	\$0	\$12,650	
50-60-81-88101	Construction	\$180,720	\$0	\$0	\$0	\$0	\$0	\$180,720	
50-60-81-88101	Const. Eng.	\$18,072	\$0	\$0	\$0	\$0	\$0	\$18,072	
	<b>Fund subtotal</b>	<b>\$211,442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$211,442</b>	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Total</b>	<b>\$211,442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$211,442</b>	

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Geographic Information System (GIS) Software

**FYE:** 2017

**Project Description/ Capital Request:** Develop and host a web-based computer application to help Village staff manage infrastructure.

**Anticipated Benefits:** Updated GIS platform and capability will enable staff to more efficiently manage Village assets (sanitary sewers, water mains, storm sewers, parkway trees, etc.) as well as facilitate ongoing maintenance. Additional users may be added without installing software or data sets.

**Existing Condition:** Existing GIS software is installed on individual work stations. Updating of data sets (parcel maps, zoning changes, water main -, sanitary sewer - and storm sewer improvements, and parkway trees removed or added) must be done on each individual work station. Similarly software updates must be installed on each individual work station.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12      **Priority:** 1

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
50-60-91-99107	Design Eng.	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
50-60-91-99107	Licensing	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$7,500
50-60-91-99107	New Applications	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
-	<b>Fund subtotal</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$31,500</b>
-	-	-	-	-	-	-	-	-
01-60-91-99107	Design Eng.	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
01-60-91-99107	Licensing	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$7,500
01-60-91-99107	New Applications	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
-	<b>Fund subtotal</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$31,500</b>
	<b>Total</b>	<b>\$10,500</b>	<b>\$10,500</b>	<b>\$10,500</b>	<b>\$10,500</b>	<b>\$10,500</b>	<b>\$10,500</b>	<b>\$63,000</b>

**Fund(s) Supporting Cost:** General & Water/Sewer Funds

**Funding Sources:** General & Water/Sewer Fund Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Sanitary Sewer System Inspecting, Cleaning and Maintenance

**FYE:** 2017

**Project Description/** Televis Village's sanitary sewer system, approximately 10% per year, and address system defects.

**Capital Request:**

**Anticipated Benefits:** Compliance with Sanitary Sewer Agreement requirements will reduce infiltration and inflow, as well as sewer surcharges and overflows. It will also ensure the Village avoids fines stipulated in the Sewer Agreement.

**Existing Condition:** Recent televising and sewer rehabilitation has focused on areas of known concern. Systemwide televising and rehabilitation should resume.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12      **Priority:** 1

Account Number	Description	Total Project Costs						
		2017	2018	2019	2020	2021	2022	Total
50-60-81-88101	Design Eng.	\$30,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000
50-60-81-88101	Televising	\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000
50-60-81-88101	Video Review	\$45,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$120,000
50-60-81-88101	Design Eng.	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
50-60-81-88101	Construction	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
50-60-81-88101	Const Eng.	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
	<b>Fund subtotal</b>	<b>\$375,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$1,525,000</b>
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$375,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$230,000</b>	<b>\$1,525,000</b>

**Fund(s) Supporting Cost:** Water/Sewer Funds

**Funding Sources:** Water/Sewer Fund Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff  
 Legal  
 Engineering  
 Other

**Annual Operating Costs:**

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:**

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Well No. 3 Rehabilitation

**FYE:** 2017

**Project Description/** Rehabilitate Well No. 3 to maximize the benefit of this well for use as back-up supply. Rehabilitation will follow the **Capital Request:** Option 2 graduated approach outlined in the Well No. 3 Rehabilitation Feasibility Study.

**Anticipated Benefits:** Create the ability to provide water during an emergency situation such as a short-term interruption of water supply.

**Existing Condition:** Current capacity is too low to provide meaningful, reliable, redundant water supply.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Design	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000
50-60-81-88101	Construction	\$260,000	\$0	\$0	\$0	\$0	\$0	\$260,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$325,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$325,000</b>
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$325,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$325,000</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund  
**Funding Sources:** Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff  
 Legal  
 Engineering  
 Other

**Annual Operating Costs:**

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:**

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Cambridge Lift Station and Force Main Replacement

**FYE:** 2017

**Project Description/** Replace existing lift station, controls, monitoring system and discharge force main to Lotus Drive.

**Capital Request:**

**Anticipated Benefits:** New lift station will include backup generator (providing continued operation during power outages), new pumps (replacing aging, deteriorating pumps), above ground control cabinet (improving safety of personnel), monitoring system upgrades (SCADA), and a new force main (replacing the existing deteriorating force main which has had multiple breaks). New lift station will also reduce excessive infiltration and inflow to the station.

**Existing Condition:** Station doesn't have a standby generator so Public Works staff must connect a shared generator during extended power outages. Pumps are showing increased run times, indicative of excess wear. Public Works staff follow confined space requirements because existing controls are below ground. Multiple force main breaks in recent years due to deterioration.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Design Eng.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50-60-81-88101	Construction	\$425,000	\$0	\$0	\$0	\$0	\$0	\$425,000
50-60-81-88101	Const. Eng.	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$465,000	\$0	\$0	\$0	\$0	\$0	\$465,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$465,000	\$0	\$0	\$0	\$0	\$0	\$465,000

**Fund(s) Supporting Cost:** Water/Sewer Fund

**Funding Sources:** Water/Sewer Fund Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Concrete Curb and Gutter and Sidewalk Repair Program

**FYE:** 2017

**Project Description/** Repair cracked and broken sections of concrete curb and gutter and sidewalks.

**Capital Request:**

**Anticipated Benefits:** Eliminate trip hazards, drainage problems and unsightly conditions on Village streets and in the public right of way.

**Existing Condition:** Normal deterioration of infrastructure results in cracked sidewalk and curb and gutter which may create drainage problems and trip hazards.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Design Eng.	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$24,000
35-20-88-88801	Construction	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
35-20-88-88801	Const. Eng.	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
	<b>Fund subtotal</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$354,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$59,000</b>	<b>\$354,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** SCADA Server Phone Line Upgrade

**FYE:** 2017

**Project Description/** Purchase, install and configure mobile 911 SCADA alarm notification software.

**Capital Request:**

**Anticipated Benefits:** Allow smart phone alarm notifications and alert management, improving efficiency.

**Existing Condition:** Current system relies on analog dialer and is limited to recorded voice messages.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-91-99101	Installation	\$16,000	\$0	\$0	\$0	\$0	\$0	\$16,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$16,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,000</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$16,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,000</b>

**Fund(s) Supporting Cost:** Water & Sewer Fund

**Funding Sources:** Funding is through contributions from the General and Water & Sewer Funds.

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Commuter Lot Maintenance and Paving

**FYE:** 2017

**Project Description/** Maintain existing commuter parking lots in accordance with recommendations of the 2015 Pavement Management Report. The lots at Goodnow Boulevard and Avilon Ave (GA), and east of Cedar Lake Road south of the railroad tracks (E134), will be resurfaced. The east lot north of the railroad and east of Cedar Lake Road will be reconstructed in FYE 2020.

**Capital Request:** Report. The lots at Goodnow Boulevard and Avilon Ave (GA), and east of Cedar Lake Road south of the railroad tracks (E134), will be resurfaced. The east lot north of the railroad and east of Cedar Lake Road will be reconstructed in FYE 2020.

**Anticipated Benefits:** Periodic maintenance extends the useful life of pavements, preventing accelerated deterioration and minimizing the life cycle cost of pavements. Resurfacing in a timely manner will avoid the need for premature reconstruction.

**Existing Condition:** Lots vary from Very Poor to Poor condition.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
51-60-86-88601	Design	\$12,200	\$0	\$24,800	\$0	\$0	\$0	\$37,000
51-60-86-88601	Construction	\$0	\$174,000	\$0	\$248,000	\$0	\$0	\$422,000
51-60-86-88601	Const Eng.	\$0	\$19,200	\$0	\$34,700	\$0	\$0	\$53,900
	<b>Fund subtotal</b>	<b>\$12,200</b>	<b>\$193,200</b>	<b>\$24,800</b>	<b>\$282,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$512,900</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$12,200</b>	<b>\$193,200</b>	<b>\$24,800</b>	<b>\$282,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$512,900</b>

**Fund(s) Supporting Cost:** Commuter Lot Fund

**Funding Sources:** Commuter Lot Fund Operating Revenues & Reserves

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Drainage Improvements and Wetland Maintenance - 700 Railroad Avenue

**FYE:** 2017

**Project Description/** Grading and drainage improvements as well as wetland maintenance activities, for the Village-owned parcel south of  
**Capital Request:** IL 134 in the 700 Block of Railroad Avenue.

**Anticipated Benefits:** Reinstating drainage patterns will result in better stormwater management, reducing the frequency, depth and duration of flooding. Treatment of invasive species will increase visibility of adjacent commercial properties and enhance the area visually. Obtaining a permit from the Army Corps of Engineers will enable the Village to properly maintain the area on an ongoing basis.

**Existing Condition:** Erosion and excessive growth of invasive plants has resulted in poor drainage of this area.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12 months      **Priority:** 1

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Design & Permit	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
35-20-88-88801	Construction	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
35-20-88-88801	Const. Eng.	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
-	Maintenance	\$0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$15,000
-	<b>Fund subtotal</b>	\$53,000	\$5,000	\$0	\$5,000	\$0	\$5,000	\$68,000
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$53,000	\$5,000	\$0	\$5,000	\$0	\$5,000	\$68,000

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** =

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** =

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Nippersink Lift Station Remodel/Replacement

**FYE:** 2017

**Project Description/** Remodel/Replace existing lift station, controls and monitoring system.

**Capital Request:**

**Anticipated Benefits:** New lift station will include backup generator (providing continued operation during power outages), new pumps (replacing aging, deteriorating pumps), above ground control cabinet (improving safety of personnel) and monitoring system upgrades (SCADA).

**Existing Condition:** Station doesn't have a standby generator so Public Works staff must connect a shared generator during extended power outages. One of the pumps does not operate and needs to be rebuilt/replaced. Public Works staff follow confined space requirements because existing controls are below ground.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 12 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
50-60-81-88101	Design Eng.	\$33,000	\$0	\$0	\$0	\$0	\$0	\$33,000
50-60-81-88101	Construction	\$330,000	\$0	\$0	\$0	\$0	\$0	\$330,000
50-60-81-88101	Const. Eng.	\$37,000	\$0	\$0	\$0	\$0	\$0	\$37,000
50-60-81-88101	Property Aq.	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
	<b>Fund subtotal</b>	<b>\$440,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440,000</b>
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$440,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440,000</b>

**Fund(s) Supporting Cost:** Water/Sewer Fund  
**Funding Sources:** Water/Sewer Fund Revenues

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

Department: Engineering

Requested By: Kurt Baumann P.E.

Title: Hillandale Drive Water Main Replacement

FYE: 2017

Project Description/ Replace approximately 1,650 feet of 6-inch water main with 8-inch water main.

Capital Request:

**Anticipated Benefits:** Improve reliability of this aging water main as well as water quality in the area. Fire flow will also increase with replacement of the old 6-inch water main to a new 8-inch water main.

**Existing Condition:** The existing water main does not meet current Village standards and is in poor condition due to the age of the pipe.

Fiscal Year End Needed: 2017      Lead Time in months: 3 months      Priority: 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
35-20-83-88301	Roadway Design	\$6,200	\$0	\$0	\$0	\$0	\$0	\$6,200
35-20-83-88301	Roadway Const.	\$0	\$77,400	\$0	\$0	\$0	\$0	\$77,400
35-20-83-88301	Rdwy Const. Eng.	\$0	\$7,700	\$0	\$0	\$0	\$0	\$7,700
	<b>Fund subtotal</b>	<b>\$6,200</b>	<b>\$85,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$91,300</b>
50-60-81-88101	Design	\$39,400	\$0	\$0	\$0	\$0	\$0	\$39,400
50-60-81-88101	Construction	\$0	\$492,800	\$0	\$0	\$0	\$0	\$492,800
50-60-81-88101	Const. Engineering	\$0	\$49,300	\$0	\$0	\$0	\$0	\$49,300
	<b>Fund subtotal</b>	<b>\$39,400</b>	<b>\$542,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$581,500</b>
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$45,600</b>	<b>\$627,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$672,800</b>

Fund(s) Supporting Cost: Capital Projects/Water & Sewer Fund

Funding Sources: Capital Projects/Water & Sewer Operating Revenue

Other Revenue Source(s):

Other Resources Needs: Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

Annual Operating Costs: -

Identify Annual Costs:  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

Project Number: -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Capri/Avilon Water Main Replacement

**FYE:** 2017

**Project Description/** Replace approximately 1,700 feet of 6-inch water main, updated to current standards.

**Capital Request:**

**Anticipated Benefits:** Improve reliability of this aging water main as well as water quality in the area. Fire flow will also increase with replacement of the old 6-inch water main.

**Existing Condition:** There have been water main breaks on this section due to the age of the pipe.

**Fiscal Year End Needed:** 2018      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
35-20-83-88301	Roadway Design	\$0	\$0	\$19,800	\$0	\$0	\$0	\$19,800
35-20-83-88301	Roadway Const.	\$0	\$0	\$0	\$234,600	\$0	\$0	\$234,600
35-20-83-88301	Rdwy Const. Eng.	\$0	\$0	\$0	\$23,500	\$0	\$0	\$23,500
	<b>Fund subtotal</b>	\$0	\$0	\$19,800	\$258,100	\$0	\$0	\$277,900
50-60-81-88101	Design	\$0	\$0	\$78,300	\$0	\$0	\$0	\$78,300
50-60-81-88101	Construction	\$0	\$0	\$0	\$993,000	\$0	\$0	\$993,000
50-60-81-88101	Const. Engineering	\$0	\$0	\$0	\$99,300	\$0	\$0	\$99,300
	<b>Fund subtotal</b>	\$0	\$0	\$78,300	\$1,092,300	\$0	\$0	\$1,170,600
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$0	\$0	\$98,100	\$1,350,400	\$0	\$0	\$1,448,500

**Fund(s) Supporting Cost:** Capital Projects/Water & Sewer Fund

**Funding Sources:** Capital Projects/Water & Sewer Operating Revenue

**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Kurt Baumann P.E.

**Title:** Orchard St/Ravine Ave/Cranberry Ct Water Main Replacement

**FYE:** 2017

**Project Description/** Replace approximately 1,700 feet of 6-inch water main with 8-inch water main.

**Capital Request:**

**Anticipated Benefits:** Improve reliability of this aging water main as well as water quality in the area. Fire flow will also increase with replacement of the old 6-inch water main to a new 8-inch water main.

**Existing Condition:** The existing water main does not meet current Village standards and is in poor condition due to the age of the pipe.

**Fiscal Year End Needed:** 2019      **Lead Time in months:** 3 months      **Priority:** 2

Account Number	Description	2017	2018	Total Project Costs		2021	2022	Total
				2019	2020			
35-20-83-88301	Roadway Design	\$0	\$0	\$0	\$0	\$17,300	\$0	\$17,300
35-20-83-88301	Roadway Const.	\$0	\$0	\$0	\$0	\$0	\$216,500	\$216,500
35-20-83-88301	Rdwy Const. Eng.	\$0	\$0	\$0	\$0	\$0	\$21,700	\$21,700
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$17,300	\$238,200	\$255,500
50-60-81-88101	Design	\$0	\$0	\$0	\$0	\$41,400	\$0	\$41,400
50-60-81-88101	Construction	\$0	\$0	\$0	\$0	\$0	\$518,000	\$518,000
50-60-81-88101	Const. Engineering	\$0	\$0	\$0	\$0	\$0	\$51,800	\$51,800
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$41,400	\$569,800	\$611,200
-	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>		\$0	\$0	\$0	\$0	\$58,700	\$808,000	\$866,700

**Fund(s) Supporting Cost:** Capital Projects/Water & Sewer Fund  
**Funding Sources:** Capital Projects/Water & Sewer Operating Revenue  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Engineering

**Requested By:** Adam Wedoff

**Title:** North Rosedale Pavement Rehabilitation

**FYE:** 2017

**Project Description/** Full -depth hot mix asphalt surface removal and resurface of North Rosedale Court from Cedar Lake Road to  
**Capital Request:** Ridgewood Drive.

**Anticipated Benefits:** Bring roads that have fallen to poor condition up to good or new condition.

**Existing Condition:** North Rosedale Court pavement has deteriorated badly and has a PASER rating of 1 - Failed.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 6 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-83-88301	Construction	\$76,000	\$0	\$0	\$0	\$0	\$0	\$76,000
35-20-83-88301	Roadway Design	\$6,000	\$0	\$0	\$0	\$0	\$0	\$6,000
35-20-83-88301	Rdwy Const. Eng.	\$8,000	\$0	\$0	\$0	\$0	\$0	\$8,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund  
**Funding Sources:** Capital Project Revenues  
**Other Revenue Source(s):**

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

# Administration

Capital Projects/Acquisition Requests

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Carpet Repairs/Painting

**FYE:** 2017

**Project Description/** Repair and replace carpet at the Village Hall & painting of certain areas  
**Capital Request:**

**Anticipated Benefits:** The Village Hall will be about 17 years old in FYE 2017. There will be upkeep needs including carpet repair and replacement needs in the most traveled sections of the building if not the entire building. In addition, the need for painting certain walls will need to be done as the building ages.

**Existing Condition:** Currently, the building carpet is spotted and has been repaired in previous years. This project is anticipated for future repairs/replacement of carpeting that happen as the building ages. Instead of doing the entire building at once, dollars were allocated annually to do sections of the building (upstairs/downstairs, North versus south, etc...) for both carpet and painting of certain areas.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	Total Project Costs						Total
		2017	2018	2019	2020	2021	2022	
62-20-85-88501	Carpet Repl.	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$45,000
62-20-85-88501	Painting	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$27,000
62-60-85-88501	Painting	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$27,000
-	<b>Fund subtotal</b>	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$99,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$99,000

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** This capital project is scheduled for the FYE 2016 and years thereafter, if needed due to regular or unexpected (personnel, equipment, building maintenance and age issues. This project will be economics driven and may be adjusted on an as needed subscriptions, utilities, basis to conserve and make due if repairs are only minor and the floor coverings remain in good repair. and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Welcome Signs

**FYE:** 2017

**Project Description/** Purchase install new Welcome Signs  
**Capital Request:**

**Anticipated Benefits:** Improve the image of Round Lake's entrance areas

**Existing Condition:** There are 13 roads "Entrances" to Round Lake only 5 of which have Welcome signs. All 5 WS are badly deteriorated.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Purchase/Install	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	13 Signs	\$26,000	\$0	\$0	\$0	\$0	\$0	\$26,000
35-20-88-88801	Village Hall	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Electronic Sign	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
-	<b>Fund subtotal</b>	<b>\$51,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$51,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

Department: Administration

Requested By: S. Shields

Title: Village Owned Building for Rent

FYE: 2017

Project Description/ Repair building at 545 W. Railroad Avenue  
 Capital Request:

Anticipated Benefits: Ability to generate rent/revenue at building site.

Existing Condition: Building in poor condition. Masonry wall have peeling paint, roof needs to be reshingled, tuck pointing and masonry repairs need to be completed, parking lot area needs some work, hydraulic lifts are leaking, and other interior items need to be fixed.

Fiscal Year End Needed: 2017      Lead Time in months: 3 mos.      Priority: 3

Account Number	Description	2017	2018	Total Project Costs				Total
				2019	2020	2021	2022	
62-20-85-88501	Building	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	Repairs	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

Fund(s) Supporting Cost: Building Replacement Fund

Funding Sources: Funding is through contributions from the General & Water/Sewer Funds

Other Revenue Source(s): -

Other Resources Needs: Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

Annual Operating Costs: -

Identify Annual Costs:  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

Project Number: -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Old Village Hall Property

**FYE:** 2017

**Project Description/** Old Village Hall Property Clean-up  
**Capital Request:**

**Anticipated Benefits:** With route 134 at the location, the site needs a better appearance.

**Existing Condition:** Weeds, shrubs that need to be cut back, and trees that need pruning or taken down.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
30-20-86-88601	Land Improv.	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Fund Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** -  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Office Furniture Repair and Replacement

**FYE:** 2017

**Project Description/** Village Hall replacement and repair of facility furniture (desks, chairs, tables, etc.) as needed. Includes an amount  
**Capital Request:** for Public Works furniture. Police Department included furniture in their CIP requests.

**Anticipated Benefits:** Keeping the furniture used in the building promotes a healthy, clean and functional work environment. Replacing broken and worn out office furniture can potentially reduce workers compensation claims from accidents and poor ergonomic support. Keeping furniture fresh also offers a professional public appearance to outside visitors.

**Existing Condition:** Some chairs are reaching the end of serviceable life and will need to be replaced at some point in the future. Specifically, the kitchen area chairs have been cleaned a number of times and appear to be at the end of their useful life.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-20-80-88018	Office Furniture	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$45,000
62-60-80-88018	Office Furniture	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
62-70-80-88018	Office Furniture	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
	<b>Fund subtotal</b>	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$105,000
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$105,000

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:** Replacement of furniture as needed for attrition, wear, or needs driven by technology changes.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Village Hall back-up electrical generator

**FYE:** 2017

**Project Description/** Design and install back-up generator and transfer equipment for the Village Hall.

**Capital Request:**

**Anticipated Benefits:** The Village will be able to maintain power at the Village Hall during emergencies and power outages.

**Existing Condition:** Currently, there is no back-up power for the Village Hall.

**Fiscal Year End Needed:** 2017

**Lead Time in months:** 6-12 months

**Priority:** 3

Account Number	Description	<u>Total Project Costs</u>					2021	2022	Total
		2017	2018	2019	2020	2021			
35-20-80-88001	Design & Install	\$0	\$0	\$0	\$0	\$0	\$85,000	\$85,000	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	<b>Fund subtotal</b>	\$0	\$0	\$0	\$0	\$0	\$85,000	\$85,000	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
-	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$85,000	\$85,000	

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Project Fund Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor(s)

**Annual Operating Costs:** \$1,500

**Identify Annual Costs:** For maintenance and testing annually.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Over Hauling Existing Temperature Control Systems

**FYE:** 2017

**Project Description/ Capital Request:** Replace existing system and install remote sensors in all offices. Was in the fiscal year 2016 budget, moved to fiscal year end 2017.

**Anticipated Benefits:** Manage temperature controls more effectively

**Existing Condition:** The control system is not working properly as it exists now.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	2017	2018	Total Project Costs				Total
				2019	2020	2021	2022	
62-20-80-88001	Design & Install	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor(s)

**Annual Operating Costs:**

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** =

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Insulate Exposed Attic

**FYE:** 2017

**Project Description/** Insulate attic. This capital item was moved form fiscal year end 2016 to fiscal year end 2017.

**Capital Request:**

**Anticipated Benefits:** Increase R value to R60 for better control of temperature in the Village Hall.

**Existing Condition:** There is very little insulation in the Village Hall attic. In addition, if needed heating wire was added to facilitate the melting of the ice/icicles on the roof. This will improve the safety of the Village Hall front entrance where ice tends to form.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>					Total	
		2017	2018	2019	2020	2021		2022
62-20-85-88501	Installation	\$16,000	\$0	\$0	\$0	\$0	\$0	\$16,000
-	Heating Wire	\$2,500	\$0	\$0	\$0	\$0	\$0	\$2,500
-	<b>Fund subtotal</b>	<b>\$18,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,500</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$18,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,500</b>

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor(s)

**Annual Operating Costs:**

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Building Equipment Replacement

**FYE:** 2017

**Project Description/** Heating/air and other building equipment  
**Capital Request:**

**Anticipated Benefits:** Manage unforeseen failures with monies allocated to such issues. Should the need arise this would be used for total replacement (not repairs) for items such as furnaces, air conditioners, exhaust fans, water heaters, and the like, for the Village Hall and the Police/Public Works Facilities. Police Department included building upkeep in their CIP requests.

**Existing Condition:** Both buildings/all units are aging.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-20-80-88001	Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
62-60-80-88001	Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Fund subtotal</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$120,000</b>
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$120,000</b>

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor(s)

**Annual Operating Costs:**

**Identify Annual Costs:** This capital project is scheduled for the FYE 2016 and years thereafter, if needed due to unexpected building age issues. (personnel, equipment, subscriptions, utilities, and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Village Hall Vestibule

**FYE:** 2017

**Project Description/** Replace Village Hall entrance items with customer friendly and visually appealing décor. This could include display cases, an area for the flags, and additional space for informational material that is well organized and easy to review. This **Capital Request:** project also includes replacement of the area between the two bathrooms with a customer friendly counter area. This project was moved from fiscal year end 2016 to fiscal year end 2017.

**Anticipated Benefits:** Better appearance and information for residents in one area

**Existing Condition:** Beside a few chairs there is an old movable cart in the foyer.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 3 mos.      **Priority:** 3

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
62-20-85-88501	Office Furniture	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500

**Fund(s) Supporting Cost:** Building Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Replace Village Computers

**FYE:** 2017

**Project Description/** Replace existing desktop systems and servers.

**Capital Request:** Other: PW server 2022 - SCADA, PW computer 2020 - tough book (Water/Sewer Fund), Admin computer 2020 - laptop

**Anticipated Benefits:** Improved interoffice communication, calendar monitoring, email routing, etc. Keep up with IT changes to ensure efficiently operating computers. Each computer budgeted at \$1,000 and servers are budgeted at \$15,000 (equipment & labor).

**Existing Condition:** IT replacement plan

**Fiscal Year End Needed:** 2017      **Lead Time in months:**      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-70-91-99117	Computers: Bldg	\$2,000	\$0	\$0	\$0	\$2,000	\$0	\$2,000
61-40-91-99117	Computers: PD	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$36,000
61-60-91-99117	Computers: PW	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
61-20-91-99117	Computers: Adm	\$7,000	\$0	\$0	\$1,000	\$3,000	\$7,000	\$18,000
61-60-91-99117	Server (1): PW	\$0	\$7,500	\$0	\$0	\$0	\$0	\$7,500
61-20-91-99117	Server (1): VH	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$30,000
61-40-91-99117	Server (1): PD	\$0	\$0	\$15,000	\$0	\$0	\$0	\$15,000
=	<b>Fund subtotal</b>	\$32,000	\$15,500	\$23,000	\$9,000	\$13,000	\$30,000	\$122,500
61-60-91-99117	Computer: Water	\$0	\$1,000	\$0	\$3,000	\$0	\$1,000	\$5,000
61-60-91-99117	Server (1): Water	\$0	\$7,500	\$0	\$0	\$0	\$30,000	\$37,500
=	<b>Fund subtotal</b>	\$0	\$8,500	\$0	\$3,000	\$0	\$31,000	\$42,500
	<b>Total</b>	\$32,000	\$24,000	\$23,000	\$12,000	\$13,000	\$61,000	\$165,000

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
Other Contractor(s)

**Annual Operating Costs:** -

**Identify Annual Costs:** No annual operating costs, with the exception of normal cleaning and IT support maintenance.

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Replace Village Technology Equipment

**FYE:** 2017

**Project Description/** Start to replace old computer monitors that have not been replaced as part of the computer replacements. This would be  
**Capital Request:** done mainly in FYE 2015 and 2016. In the years thereafter the amounts are for equipment failures.

**Anticipated Benefits:** Manage unforeseen failures with monies allocated to such issues. This would include printers, fax machines, digital camera's and other technology equipment that may fail and in need of replacement

**Existing Condition:** Equipment as needed.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** -      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-70-91-99117	Equipment: Bldg	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
61-40-91-99117	Equipment: PD	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
61-60-91-99117	Equipment: PW	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
61-20-91-99117	Equipment: Adm	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
-	-	-	-	-	-	-	-	-
-	<b>Fund subtotal</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$48,000</b>
61-60-91-99117	Equipment: Water	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
-	-	-	-	-	-	-	-	-
-	<b>Fund subtotal</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$12,000</b>
-	<b>Total</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$60,000</b>

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other Contractor(s)

**Annual Operating Costs:** -

**Identify Annual Costs:**  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Financial Management Software

**FYE:** 2017

**Project Description/** Installation of a comprehensive financial management system.

**Capital Request:**

**Anticipated Benefits:** The financial management system currently in place is adequate but antiquated. An updated system will provide greater efficiency and productivity, easier report generation, and other capabilities.

**Existing Condition:** The Village's current software system is 15 years old.

**Fiscal Year End Needed:** 2017      **Lead Time in months:** 6 months      **Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
61-40-91-99103	Installation	\$85,000	\$85,000	\$85,000	\$0	\$0	\$0	\$255,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Total</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$255,000</b>

**Fund(s) Supporting Cost:** Technology Replacement Fund

**Funding Sources:** Funding is through contributions from the General & Water/Sewer Funds

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:**

**Identify Annual Costs:** Annual maintenance costs.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -

**Capital Project/Acquisition Request**

**Department:** Administration

**Requested By:** S. Shields

**Title:** Tear Downs

**FYE:** 2017

**Project Description/** Tear down of vacant property should the property become blighted. Tear down would only occur based on the

**Capital Request:** Village's legal authority, a policy in place, grant funds available, or a combination of such factors. \$30,000 was budgeted as a place holder should the need arise to tear down a property. The house owned by the Village (525 Hart) was torn down for approximately \$10,000 in fiscal year end 2015.

**Anticipated Benefits:** Improved appearance of the neighborhood.

**Existing Condition:** There is a few vacant homes in residential areas that are starting to be blighted due to no entity wanting to take ownership of such property.

**Fiscal Year End Needed:** 2017

**Lead Time in months:** 6 months

**Priority:** 2

Account Number	Description	<u>Total Project Costs</u>						Total
		2017	2018	2019	2020	2021	2022	
35-20-88-88801	Tear Down	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	<b>Fund subtotal</b>	\$10,000	\$10,000	\$10,000	\$0	\$0	\$0	\$30,000
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Total</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

**Fund(s) Supporting Cost:** Capital Projects Fund

**Funding Sources:** Capital Projects Fund Revenues

**Other Revenue Source(s):** -

**Other Resources Needs:** Municipal Staff -  
 Legal -  
 Engineering -  
 Other -

**Annual Operating Costs:**

**Identify Annual Costs:** Legal and permits associated with any teardown.  
 (personnel, equipment,  
 subscriptions, utilities,  
 and other items.)

**Project Number:** -



VILLAGE OF ROUND LAKE  
**AGENDA ITEM SUMMARY**

**TITLE: 2017 BUDGET ADOPTION**

**Agenda Item No. 7.1**

*Executive Summary:*

As per state statutes, a tentative annual budget for the Village of Round Lake for the fiscal year beginning May 1, 2016 and ending April 30, 2017 was prepared by the Budget Officer of the Village, placed on file in the office of the Village Treasurer on March 21, 2016 for public inspection, as provided by a notice published on March 15, 2016. The notice also stated a public hearing would be held, which was on April 4, 2016. The tentative annual budget was reviewed and discussed by the Village Board at the COTW meeting of March 21, 2016 and April 4, 2016.

Within thirty days following the adoption of the attached ordinance, state statutes requires a certified ordinance be filed with the county clerk along with an estimate of revenues by source anticipated to be received by the Village in the fiscal year beginning May 1, 2016 and ending April 30, 2017.

Attached are a few final adjustments done to certain budget amounts along with the ordinance adopting the 2017 annual budget.

*Recommended Action:*

Adopt Ordinance 16-O-XX, An Ordinance Adopting the Annual Budget for the Village of Round Lake for the Fiscal Year Commencing May 1, 2016 and Ending April 30, 2017

<b>Committee:</b> Human Resources & Finance	<b>Meeting Date:</b> 3/21/16 & 4/4/16 & 4/18/16																																	
<b>Lead Department:</b> Administration	<b>Presenter:</b> Steven J. Shields, Village Administrator																																	
<b>Item Budgeted:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A																																		
<b>If amount requested is over budget, a detailed explanation of what account(s) the overage will be charged to will be provided in the Executive Summary or attached detail.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Account(s)</th> <th style="width: 20%;">Budget</th> <th style="width: 20%;">Expenditure</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td>Y-T-D Actual</td><td> </td><td> </td></tr> <tr><td>Amount Encumbered</td><td> </td><td> </td></tr> <tr><td>Item Requested</td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr> <td style="text-align: right;">Total:</td> <td style="text-align: center;">\$0.00</td> <td style="text-align: center;">\$0.00</td> </tr> <tr> <td colspan="3">Request is over/under budget:</td> </tr> <tr> <td style="text-align: right;">Under -</td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: right;">Over -</td> <td> </td> <td> </td> </tr> </tbody> </table>	Account(s)	Budget	Expenditure				Y-T-D Actual			Amount Encumbered			Item Requested									Total:	\$0.00	\$0.00	Request is over/under budget:			Under -			Over -		
	Account(s)	Budget	Expenditure																															
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	Item Requested																																	
Total:	\$0.00	\$0.00																																
Request is over/under budget:																																		
Under -																																		
Over -																																		

**2017 Budget Changes: Prior to Final Approval**

General Ledger Descriptions	Original Amount	Increase (Decrease)	Final Amount	Notes
<b>General Fund</b>	\$6,180,754		\$6,180,754	
<b>Police Department</b>				
<b>Payroll Expenses</b>				
01-40-70-67001 Regular Salaries	\$2,282,889	(\$47,465)	\$2,235,424	CSO Position to Part-time
01-40-70-67021 Part-Time Salaries	\$82,870	\$47,465	\$130,335	CSO Position to Part-time
01-40-71-67116 Unemployment Insurance	\$2,500	\$12,736	\$15,236	\$293 weekly benefit x 52 weeks (CSO)
<b>Vehicles &amp; Equipment</b>				
01-40-84-88402 Gas & Oil	\$65,000	\$22,500	\$87,500	2016 Budget level
<b>Public Works Department</b>				
<b>Payroll Expenses</b>				
01-60-70-67021 Part-Time Salaries	\$5,500	\$4,157	\$9,657	Permanent Part-time:\$20.33 versus \$11.37
<b>Vehicles &amp; Equipment</b>				
01-60-84-88402 Gas & Oil	\$22,000	\$4,000	\$26,000	2016 Budget level
<b>Building Department</b>				
<b>Vehicles &amp; Equipment</b>				
01-70-84-88402 Gas & Oil	\$4,000	\$500	\$4,500	2016 Budget level
<b>Motor Fuel Tax Fund</b>	\$15,000		\$15,000	
<b>Roadway Improvements</b>				
10-60-83-88301 Roadway Improvements	\$1,237,480	\$23,000	\$1,260,480	Non-participating amount and bad soil
<b>SSA #1 Bright Meadows Fund</b>	\$32,350		\$32,350	
<b>2005 Debt Service Fund</b>	\$282,356		\$282,356	
<b>2010 Debt Service Fund</b>	\$577,305		\$577,305	
<b>2011 Debt Service Fund</b>	\$384,525		\$384,525	
<b>Capital Projects Fund</b>	\$893,360		\$893,360	
<b>Water/Sewer Fund</b>	\$7,121,322		\$7,121,322	
<b>Payroll Expenses</b>				
50-60-70-67021 Part-time Salaries	\$18,000	\$4,157	\$22,157	Permanent Part-time:\$20.33 versus \$11.37
<b>Vehicles &amp; Equipment</b>				
50-60-84-88402 Gas & Oil	\$23,000	\$466	\$23,466	2016 Budget level
<b>Commuter Parking Lot Fund</b>	\$271,234		\$271,234	
<b>Vehicle Replacement Fund</b>	\$447,023		\$447,023	
<b>Technology Replacement Fund</b>	\$162,700		\$162,700	
<b>Building Replacement Fund</b>	\$183,000		\$183,000	
<b>Police Pension Fund</b>	\$449,221		\$449,221	
<b>Total</b>	<b>\$20,743,389</b>	<b>\$71,516</b>	<b>\$20,814,904</b>	

**ORDINANCE NO. 16-O-\_\_\_\_\_**

**AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE  
VILLAGE OF ROUND LAKE FOR THE FISCAL YEAR  
COMMENCING MAY 1, 2016 AND ENDING APRIL 30, 2017**

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have adopted the “Budget Officer System” as provided in sections 8-2-9.1 through 8-2-9.10 of the Illinois Municipal Code (65 ILCS 5/8-2-9.1 – 8-2-9.10); and

**WHEREAS**, Section 8-2.9.4 of the Illinois Municipal Code provides that passage of an annual budget shall be in lieu of passage of an annual appropriation ordinance under Section 8-2-9 of the Illinois Municipal Code and that under the Budget Officer System, the budget shall be adopted before the beginning of the fiscal year to which it applies; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have made the proposed budget available for public inspection, held all of the hearings and caused to be made all of the publications and notices required by law; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake have reviewed the budget for fiscal year end 2017 as presented by the Village Budget Officer; and

**WHEREAS**, the President and Board of Trustees of the Village of Round Lake believe that the aforesaid budget proposed for fiscal year end 2017 to be in the best interests of the Village of Round Lake.

**NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF ROUND LAKE, LAKE COUNTY, ILLINOIS, as follows:**

**SECTION ONE:** The Annual Budget for the Village of Round Lake for the fiscal year beginning May 1, 2016 and ending April 30, 2017, a copy of which is attached hereto as Exhibit A and made a part hereof, is hereby approved and adopted.

**SECTION TWO:** This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form in the manner provided by law.

**APPROVED:**

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Daniel A. MacGillis, Village President

**ATTEST:**

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Patricia C. Blauvelt, Village Clerk

**PASSED:**

**APPROVED:**

**PUBLISHED IN  
PAMPHLET FORM:**

**AYES:**

**NAYS:**

**ABSENT:**

***Village of Round Lake - Annual Budget***  
***Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017***

<b>Account No.</b>	<b>Description</b>	<b>Amount</b>
<b>General Fund</b>		
<b>Administration Department</b>		
<b>Payroll Expenses</b>		
01-20-70-67001	Regular Salaries	\$330,000
01-20-70-67006	Elected Officials Salaries	\$45,600
01-20-70-67011	Committee Member Salaries	\$4,425
01-20-70-67021	Part-Time Salaries	\$12,500
01-20-70-67031	Overtime	\$250
	<b>Total Payroll Expenses</b>	<b><u>\$392,775</u></b>
<b>Taxes, Pensions &amp; Insurance</b>		
01-20-71-67101	IMRF	\$34,250
01-20-71-67107	Dental Insurance	\$3,225
01-20-71-67108	Vision Insurance	\$400
01-20-71-67109	Life Insurance	\$245
01-20-71-67110	Health Insurance	\$54,000
01-20-71-67111	Social Security	\$24,300
01-20-71-67112	Medicare	\$5,700
	<b>Total Taxes, Pensions &amp; Insurance</b>	<b><u>\$122,120</u></b>
<b>Personnel Related</b>		
01-20-72-67204	Dues & Memberships	\$8,055
01-20-72-67208	Meetings, Travel, & Training	\$19,250
01-20-72-67234	Hiring Process	\$600
	<b>Total Personnel Related</b>	<b><u>\$27,905</u></b>
<b>Professional Services</b>		
01-20-73-77301	Auditing Expense	\$23,022
01-20-73-77307	Engineering Expenses	\$19,000
01-20-73-77309	Village Planner	\$45,000
01-20-73-77311	Village Prosecutor	\$2,000
01-20-73-77313	Legal Services	\$85,250
01-20-73-77314	Ordinance Review - Legal	\$2,000
01-20-73-77315	Economic Development Marketing	\$25,000
01-20-73-77319	Consultant Studies	\$50,000
	<b>Total Professional Services</b>	<b><u>\$251,272</u></b>
<b>Commodities</b>		
01-20-74-77420	Village Publications	\$7,500
01-20-74-77430	Office Supplies	\$6,100
01-20-74-77432	Postage	\$4,000
01-20-74-77440	Printing	\$1,100
	<b>Total Commodities</b>	<b><u>\$18,700</u></b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
<b>Contractual Services</b>		
01-20-75-77511	Publications & Subscriptions	\$500
01-20-75-77512	Notification System	\$9,000
01-20-75-77515	Garbage Collection	\$971,011
01-20-75-77519	Risk Management Ins. Premium	\$186,079
01-20-75-77537	Legal Notices/Recording Fees	\$3,000
01-20-75-77541	SWALCO	\$7,758
	<b>Total Contractual Services</b>	<b><u>\$1,177,348</u></b>
<b>Miscellaneous</b>		
01-20-77-77704	Special Events	\$6,250
01-20-77-77706	Miscellaneous Expense	\$9,000
01-20-77-77710	Beautification Program	\$5,000
01-20-77-77716	Police & Fire Commission	\$6,675
	<b>Total Miscellaneous</b>	<b><u>\$26,925</u></b>
<b>Building &amp; Grounds</b>		
01-20-79-77901	B&G Maintenance	\$1,250
01-20-79-77903	B&G Contracts	\$16,630
01-20-79-77905	B&G Repairs	\$4,750
	<b>Total Building &amp; Grounds</b>	<b><u>\$22,630</u></b>
<b>Capital Outlay</b>		
01-20-80-88018	Office Equipment	\$6,750
	<b>Total Capital Outlay</b>	<b><u>\$6,750</u></b>
<b>Utilities</b>		
01-20-82-88202	Telephone Service	\$9,500
01-20-82-88204	Cellular Service	\$4,810
01-20-82-88208	Heating	\$500
	<b>Total Utilities</b>	<b><u>\$14,810</u></b>
<b>Technology</b>		
01-20-91-99105	Network Repairs	\$3,500
01-20-91-99107	IT Maintenance Services	\$63,654
01-20-91-99117	IT Equipment	\$5,000
	<b>Total Technology</b>	<b><u>\$72,154</u></b>
	<b>Total Administration Department</b>	<b><u>\$2,133,389</u></b>
<b>Police Department</b>		
<b>Payroll Expenses</b>		
01-40-70-67001	Regular Salaries	\$2,235,424
01-40-70-67021	Part-Time Salaries	\$130,335
01-40-70-67031	Overtime	\$105,000
	<b>Total Payroll Expenses</b>	<b><u>\$2,470,759</u></b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Taxes, Pensions &amp; Insurance</b>	
01-40-71-67101	IMRF	\$22,750
01-40-71-67107	Dental Insurance	\$21,100
01-40-71-67108	Vision Insurance	\$2,800
01-40-71-67109	Life Insurance	\$1,700
01-40-71-67110	Health Insurance	\$320,000
01-40-71-67111	Social Security	\$153,250
01-40-71-67112	Medicare	\$36,000
01-40-71-67116	Unemployment Insurance	\$15,236
	<b>Total Taxes, Pensions &amp; Insurance</b>	<b><u>\$572,836</u></b>
	<b>Personnel Related</b>	
01-40-72-67202	Uniforms	\$60,900
01-40-72-67204	Dues & Memberships	\$2,945
01-40-72-67206	Medical/Psychological	\$1,000
01-40-72-67208	Meetings, Travel, & Training	\$40,210
01-40-72-67234	Hiring Process	\$17,692
	<b>Total Personnel Related</b>	<b><u>\$122,747</u></b>
	<b>Professional Services</b>	
01-40-73-77311	Village Prosecutor	\$55,000
01-40-73-77313	Legal Services	\$10,000
	<b>Total Professional Services</b>	<b><u>\$65,000</u></b>
	<b>Commodities</b>	
01-40-74-77402	Ammo / Guns	\$17,000
01-40-74-77430	Office Supplies	\$6,000
01-40-74-77432	Postage	\$2,946
01-40-74-77434	Operating Supplies	\$2,500
01-40-74-77440	Printing	\$3,500
	<b>Total Commodities</b>	<b><u>\$31,946</u></b>
	<b>Contractual Services</b>	
01-40-75-77501	MDT Lines	\$7,325
01-40-75-77503	Animal Control	\$1,200
01-40-75-77505	CenCom	\$286,675
01-40-75-77511	Publications & Subscriptions	\$13,279
01-40-75-77525	Lake County MEG Membership	\$15,600
01-40-75-77531	NIPAS	\$9,169
	<b>Total Contractual Services</b>	<b><u>\$333,248</u></b>
	<b>Miscellaneous Expenses</b>	
01-40-77-77706	Miscellaneous Expense	\$9,620
01-40-77-77710	Dare Fund Expenses	\$1,100
01-40-77-77712	Senate 740 Expenses	\$7,775

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
01-40-77-77714	Federal Seizure Fund Expenses	\$6,500
01-40-77-77715	Computer Crime Expenses	\$0
01-40-77-77720	Community Education	\$13,500
01-40-77-77722	Bicycle Patrol Expenses	\$250
	<b>Total Miscellaneous</b>	<b><u>\$38,745</u></b>
	<b>Building &amp; Grounds</b>	
01-40-79-77901	B&G Maintenance	\$2,200
01-40-79-77903	B&G Contracts	\$14,590
01-40-79-77905	B&G Repairs	\$5,000
01-40-79-77907	B&G Supplies	\$2,000
	<b>Total Building &amp; Grounds</b>	<b><u>\$23,790</u></b>
	<b>Capital Outlay</b>	
01-40-80-88001	Equipment	\$13,000
01-40-80-88018	Office Equipment	\$12,740
01-40-80-88024	Vehicles Equipment	\$35,000
	<b>Total Capital Outlay</b>	<b><u>\$60,740</u></b>
	<b>Utilities</b>	
01-40-82-88202	Telephone Service	\$3,400
01-40-82-88204	Cellular Service	\$6,600
01-40-82-88208	Heating	\$500
	<b>Total Utilities</b>	<b><u>\$10,500</u></b>
	<b>Vehicles &amp; Equipment</b>	
01-40-84-88402	Gas & Oil	\$87,500
01-40-84-88404	Vehicle Repairs	\$28,000
01-40-84-88406	Vehicle Maintenance	\$5,000
	<b>Total Vehicles &amp; Equipment</b>	<b><u>\$120,500</u></b>
	<b>Technology</b>	
01-40-91-99105	Network Repairs	\$4,500
01-40-91-99107	IT Maintenance Services	\$61,977
	<b>Total Technology</b>	<b><u>\$66,477</u></b>
	<b>Total Police Department</b>	<b><u>\$3,917,288</u></b>
	<b>Public Works Department</b>	
	<b>Payroll Expenses</b>	
01-60-70-67001	Regular Salaries	\$290,000
01-60-70-67021	Part-Time Salaries	\$9,657
01-60-70-67026	Seasonal	\$5,500
01-60-70-67031	Overtime	\$25,000
	<b>Total Payroll Expenses</b>	<b><u>\$330,157</u></b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<b>Account No.</b>	<b>Description</b>	<b>Amount</b>
<b>Taxes, Pensions &amp; Insurance</b>		
01-60-71-67101	IMRF	\$33,000
01-60-71-67107	Dental Insurance	\$3,350
01-60-71-67108	Vision Insurance	\$450
01-60-71-67109	Life Insurance	\$300
01-60-71-67110	Health Insurance	\$65,000
01-60-71-67111	Social Security	\$21,000
01-60-71-67112	Medicare	\$5,000
	<b>Total Taxes, Pensions &amp; Insurance</b>	<b>\$128,100</b>
<b>Personnel Related</b>		
01-60-72-67202	Uniforms	\$3,000
01-60-72-67204	Dues & Memberships	\$419
01-60-72-67206	Medical/Psychological	\$715
01-60-72-67208	Meeting, Travel, & Training	\$1,100
01-60-72-67234	Hiring Process	\$600
	<b>Total Personnel Related</b>	<b>\$5,834</b>
<b>Professional Services</b>		
01-60-73-77307	Engineering Expenses	\$17,000
01-60-73-77313	Legal Services	\$15,000
	<b>Total Professional Services</b>	<b>\$32,000</b>
<b>Commodities</b>		
01-60-74-77418	Ice Control	\$116,600
01-60-74-77430	Office Supplies	\$1,500
01-60-74-77432	Postage	\$75
01-60-74-77452	Street Signs	\$15,000
01-60-74-77458	Village Signs/Banners/Flags	\$3,000
	<b>Total Commodities</b>	<b>\$136,175</b>
<b>Contractual Services</b>		
01-60-75-77511	Publications & Subscriptions	\$150
01-60-75-77527	Lakes Management	\$500
01-60-75-77539	Street Sweeping	\$17,400
01-60-75-77543	Traffic Signal Maint. Contracts	\$15,000
	<b>Total Contractual Services</b>	<b>\$33,050</b>
<b>Building &amp; Grounds</b>		
01-60-79-77901	B & G Maintenance	\$5,000
01-60-79-77903	B & G Contracts	\$33,754
01-60-79-77905	B & G Repairs	\$95,775
01-60-79-77907	B & G Building Supplies	\$15,500
01-60-79-77911	Landscaping	\$34,000
	<b>Total Building &amp; Grounds</b>	<b>\$184,029</b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Capital Outlay</b>	
01-60-80-88001	Equipment	\$43,000
01-60-80-88002	Safety Equipment	\$825
01-60-80-88018	Office Equipment	\$1,000
01-60-80-88024	Vehicle Equipment	\$18,500
	<b>Total Capital Outlay</b>	<b><u>\$63,325</u></b>
	<b>Utilities</b>	
01-60-82-88202	Telephone Service	\$3,000
01-60-82-88204	Cellular Service	\$2,220
01-60-82-88206	Electrical Service	\$2,000
01-60-82-88208	Heating	\$500
01-60-82-88216	Street Lights - Electrical	\$87,000
	<b>Total Utilities</b>	<b><u>\$94,720</u></b>
	<b>Vehicles &amp; Equipment</b>	
01-60-84-88402	Gas & Oil	\$26,000
01-60-84-88404	Vehicle Repairs	\$25,000
01-60-84-88405	Equipment Repairs	\$17,000
01-60-84-88406	Vehicle Maintenance	\$3,000
01-60-84-88408	Equipment Maintenance	\$3,000
01-60-84-88412	Equipment Rental	\$1,500
	<b>Total Vehicles &amp; Equipment</b>	<b><u>\$75,500</u></b>
	<b>Technology</b>	
01-60-91-99105	Network Repairs	\$1,500
01-60-91-99107	IT Maintenance Services	\$6,000
	<b>Total Technology</b>	<b><u>\$7,500</u></b>
	<b>Infrastructure Maintenance</b>	
01-60-92-99210	Street Light Repairs	\$20,000
01-60-92-99214	Storm Sewer Maintenance	\$10,000
	<b>Total Infrastructure Maintenance</b>	<b><u>\$30,000</u></b>
	<b>Total Public Works Department</b>	<b><u>\$1,120,390</u></b>
	<b>Building Department</b>	
	<b>Payroll Expenses</b>	
01-70-70-67001	Regular Salaries	\$182,000
01-70-70-67031	Overtime	\$2,000
	<b>Total Payroll Expenses</b>	<b><u>\$184,000</u></b>
	<b>Taxes, Pensions, &amp; Insurance</b>	
01-70-71-67101	IMRF Expense	\$19,000
01-70-71-67107	Dental Insurance	\$1,750
01-70-71-67108	Vision Insurance	\$250
01-70-71-67109	Life Insurance	\$170
01-70-71-67110	Health Insurance	\$32,000

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<b>Account No.</b>	<b>Description</b>	<b>Amount</b>
01-70-71-67111	Social Security	\$11,400
01-70-71-67112	Medicare	\$2,700
	<b>Total Taxes, Pensions &amp; Insurance</b>	<b>\$67,270</b>
	<b>Personnel Related</b>	
01-70-72-67202	Uniforms	\$510
01-70-72-67204	Dues & Memberships	\$225
01-70-72-67208	Meetings, Travel, & Training	\$1,510
	<b>Total Personnel Related</b>	<b>\$2,245</b>
	<b>Professional Services</b>	
01-70-73-77305	Building Inspection Services	\$1,300
01-70-73-77307	Engineering Expenses	\$4,000
01-70-73-77310	Plan Reviews	\$1,000
01-70-73-77313	Legal Expenses	\$1,500
01-70-73-77321	Plumbing Inspector	\$10,000
	<b>Total Professional Services</b>	<b>\$17,800</b>
	<b>Commodities</b>	
01-70-74-77430	Office Supplies	\$1,000
01-70-74-77432	Postage	\$250
01-70-74-77440	Printing	\$100
	<b>Total Commodities</b>	<b>\$1,350</b>
	<b>Contractual Services</b>	
01-70-75-77511	Publications & Subscriptions	\$150
01-70-75-77537	Legal Notices/Recording Fees	\$100
	<b>Total Contractual Services</b>	<b>\$250</b>
	<b>Utilities</b>	
01-70-82-88202	Telephone Service	\$400
01-70-82-88204	Cellular Service	\$1,200
	<b>Total Utilities</b>	<b>\$1,600</b>
	<b>Vehicles &amp; Equipment</b>	
01-70-84-88402	Gas & Oil	\$4,500
01-70-84-88405	Vehicle Repairs	\$1,500
01-70-84-88406	Vehicle Maintenance	\$300
	<b>Total Vehicles &amp; Equipment</b>	<b>\$6,300</b>
	<b>Technology</b>	
01-70-91-99105	Network Repairs	\$750
01-70-91-99107	IT Maintenance Services	\$19,400
	<b>Total Technology</b>	<b>\$20,150</b>
	<b>Total Building Department</b>	<b>\$300,965</b>

*Village of Round Lake - Annual Budget  
Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017*

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Other Financing Uses</b>	
	<b>Bond Service &amp; Replacement Funding</b>	
01-80-96-99626	Transfer to 2010 Debt Service	\$525,000
01-80-96-99635	Contribution to Capital Fund	\$325,000
01-80-96-99660	Contribution to Vehicle Replace.	\$217,000
01-80-96-99661	Contribution to Technology Replace.	\$70,841
01-80-96-99662	Contribution to Building Replace.	\$79,533
	<b>Total Bond Service &amp; Replacement Funding</b>	<b><u>\$1,217,374</u></b>
	<b>General Fund Total</b>	<b><u>\$8,689,406</u></b>
	<b>Special Revenue</b>	
	<b>Motor Fuel Tax Fund</b>	
	<b>Commodities</b>	
10-60-74-77436	Crack sealing/Patching	\$15,000
	<b>Total Commodities</b>	<b><u>\$15,000</u></b>
	<b>Roadway Improvements</b>	
10-60-83-88301	Roadway Improvements	\$1,260,480
	<b>Total Roadway Improvements</b>	<b><u>\$1,260,480</u></b>
	<b>Motor Fuel Tax Fund Total</b>	<b><u>\$1,275,480</u></b>
	<b>SSA #1 Bright Meadows Fund</b>	
	<b>Professional Services</b>	
16-20-73-77313	Legal Services	\$500
	<b>Total Professional Services</b>	<b><u>\$500</u></b>
	<b>Miscellaneous</b>	
16-20-77-77706	Miscellaneous Expense	\$10
	<b>Total Miscellaneous</b>	<b><u>\$10</u></b>
	<b>Buildings &amp; Grounds</b>	
16-20-79-77911	Landscaping	\$31,840
	<b>Total Buildings &amp; Grounds</b>	<b><u>\$31,840</u></b>
	<b>SSA #1 Bright Meadows Fund Total</b>	<b><u>\$32,350</u></b>
	<b>Debt Service</b>	
	<b>2005 Debt Service Fund</b>	
	<b>Debt Service</b>	
24-20-94-99426	2005 Refunding Bonds Int.	\$21,806
24-20-94-99428	2005 Refunding Bonds Principal	\$260,000

***Village of Round Lake - Annual Budget***  
***Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017***

<b>Account No.</b>	<b>Description</b>	<b>Amount</b>
24-20-94-99432	Bond Admin & Disclosure Fees	\$550
	<b>Total Debt Service</b>	<b><u>\$282,356</u></b>
	<b>2005 Debt Service Fund Total</b>	<b><u>\$282,356</u></b>
	<b>2010 Debt Service Fund</b>	
	<b>Debt Service</b>	
26-20-94-99432	Bond Admin & disclosure Fees	\$1,250
26-20-94-99460	2010A Bond Interest	\$390,975
26-20-94-99462	2010A Bond Debt Principal	\$50,000
26-20-94-99464	2010B Bond Interest	\$20,080
26-20-94-99466	2010B Bond Debt Principal	\$115,000
	<b>Total Debt Service</b>	<b><u>\$577,305</u></b>
	<b>2010 Debt Service Fund Total</b>	<b><u>\$577,305</u></b>
	<b>2011 Debt Service Fund</b>	
	<b>Utilities</b>	
28-20-82-88218	Senior Citizen Rebate	\$10,000
	<b>Total Utilities</b>	<b><u>\$10,000</u></b>
	<b>Debt Service</b>	
28-20-94-99432	Bond Admin & disclosure Fees	\$750
28-20-94-99470	2011 Bonds Principal	\$300,000
28-20-94-99472	2011 Bonds Interest	\$73,775
	<b>Total Debt Service</b>	<b><u>\$374,525</u></b>
	<b>2011 Debt Service Fund Total</b>	<b><u>\$384,525</u></b>
	<b>Capital Projects</b>	
	<b>Capital Projects Fund</b>	
	<b>Professional Services</b>	
35-20-73-77307	Engineering Expenses	\$36,360
35-20-73-77313	Legal Services	\$500
35-20-73-77319	Consultant Studies	\$32,000
	<b>Total Professional Services</b>	<b><u>\$68,860</u></b>
	<b>Contractual Services</b>	
35-20-75-77517	Mosquito Management	\$30,000
	<b>Total Contractual Services</b>	<b><u>\$30,000</u></b>
	<b>Capital Outlay</b>	
35-20-80-88028	Urban Forest Management	\$135,000
	<b>Total Contractual Services</b>	<b><u>\$135,000</u></b>

*Village of Round Lake - Annual Budget  
Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017*

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Roadway Improvements</b>	
35-20-83-88301	Roadway Improvements	\$318,700
	<b>Total Roadway Improvements</b>	<b><u>\$318,700</u></b>
	<b>Land/Land Improvements</b>	
35-20-86-88601	Land/Land Improvements	\$10,000
	<b>Total Roadway Improvements</b>	<b><u>\$10,000</u></b>
	<b>Other Enhancements</b>	
35-20-88-88801	Other Enhancements	\$330,800
	<b>Total Other Enhancements</b>	<b><u>\$330,800</u></b>
	<b>Capital Projects Fund Total</b>	<b><u>\$893,360</u></b>
	<b>Enterprise</b>	
	<b>Water and Sewer Fund</b>	
	<b>Payroll Expenses</b>	
50-60-70-67001	Regular Salaries	\$506,000
50-60-70-67021	Part-time Salaries	\$22,157
50-60-70-67026	Seasonal	\$5,500
50-60-70-67031	Overtime	\$25,250
	<b>Total Payroll Expenses</b>	<b><u>\$558,907</u></b>
	<b>Taxes, Pensions &amp; Insurance</b>	
50-60-71-67101	IMRF Expense	\$55,000
50-60-71-67107	Dental Insurance	\$5,100
50-60-71-67108	Vision Insurance	\$600
50-60-71-67109	Life Insurance	\$500
50-60-71-67110	Health Insurance	\$92,000
50-60-71-67111	Social Security	\$34,500
50-60-71-67112	Medicare	\$8,100
	<b>Total Taxes, Pensions &amp; Insurance</b>	<b><u>\$195,800</u></b>
	<b>Personnel Related</b>	
50-60-72-67202	Uniforms	\$3,000
50-60-72-67204	Dues & Memberships	\$750
50-60-72-67206	Medical/Psychological	\$415
50-60-72-67208	Meeting, Travel, & Training	\$3,100
50-60-72-67234	Hiring Process	\$600
	<b>Total Personnel Related</b>	<b><u>\$7,865</u></b>
	<b>Professional Services</b>	
50-60-73-77301	Auditing Expense	\$6,674
50-60-73-77307	Engineering Expenses	\$18,000
50-60-73-77313	Legal Services	\$46,250
	<b>Total Professional Services</b>	<b><u>\$70,924</u></b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Commodities</b>	
50-60-74-77428	Water Meters	\$130,350
50-60-74-77430	Office Supplies	\$2,000
50-60-74-77432	Postage Expense	\$32,000
	<b>Total Commodities</b>	<b><u>\$164,350</u></b>
	<b>Contractual Services</b>	
50-60-75-77519	Risk Management Ins. Premium	\$65,360
50-60-75-77529	Metra Easements	\$1,575
50-60-75-77535	Outsourcing Water Bills	\$30,750
50-60-75-77537	Legal Notices	\$600
50-60-75-77545	Water Meter Testing	\$5,000
50-60-75-77547	Water Samples	\$7,100
	<b>Total Contractual Services</b>	<b><u>\$110,385</u></b>
	<b>Building &amp; Grounds</b>	
50-60-79-77901	B&G Maintenance	\$80,000
50-60-79-77903	B&G Contracts	\$43,934
50-60-79-77905	B&G Repairs	\$14,000
50-60-79-77907	B&G Supplies	\$14,350
50-60-79-77911	Landscaping	\$9,400
	<b>Total Building &amp; Grounds</b>	<b><u>\$161,684</u></b>
	<b>Capital Outlay</b>	
50-60-80-88001	Equipment	\$24,243
50-60-80-88002	Safety Equipment	\$1,500
50-60-80-88018	Office Equipment	\$1,000
50-60-80-88024	Vehicle Equipment	\$2,500
	<b>Total Capital Outlay</b>	<b><u>\$29,243</u></b>
	<b>Water/Sewer Improvements</b>	
50-60-81-88101	Water/Sewer Improvements	\$2,934,338
	<b>Total Water/Sewer Improvements</b>	<b><u>\$2,934,338</u></b>
	<b>Utilities</b>	
50-60-82-88202	Telephone Charges	\$2,850
50-60-82-88204	Cellular Service	\$2,800
50-60-82-88206	Electrical Service	\$55,000
50-60-82-88208	Heating	\$5,051
50-60-82-88210	JAWA Expense	\$1,093,000
50-60-82-88212	Lake County Sewer	\$1,150,000
50-60-82-88214	Excess Facility Charges	\$110,000
	<b>Total Utilities</b>	<b><u>\$2,418,701</u></b>
	<b>Vehicles &amp; Equipment</b>	
50-60-84-88402	Gas & Oil	\$23,466
50-60-84-88404	Vehicle Repairs	\$20,000
50-60-84-88405	Equipment Repairs	\$10,000
50-60-84-88406	Vehicle Maintenance	\$3,500

***Village of Round Lake - Annual Budget***  
***Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017***

<b>Account No.</b>	<b>Description</b>	<b>Amount</b>
50-60-84-88408	Equipment Maintenance	\$1,000
50-60-84-88410	Radio Read System	\$4,000
50-60-84-88412	Equipment Rental	\$1,000
	<b>Total Vehicles &amp; Equipment</b>	<b><u>\$62,966</u></b>
	<b>Charges for Services</b>	
50-60-90-99005	J.U.L.I.E.	\$2,500
	<b>Total Charges for Services</b>	<b><u>\$2,500</u></b>
	<b>Technology</b>	
50-60-91-99101	SCADA Maintenance	\$17,500
50-60-91-99105	Network Repairs	\$1,000
50-60-91-99107	IT Maintenance Services	\$17,000
50-60-91-99117	IT Equipment	\$8,350
	<b>Total Technology</b>	<b><u>\$43,850</u></b>
	<b>Infrastructure Maintenance</b>	
50-60-92-99202	Repairs to Sewers	\$6,000
50-60-92-99204	Repair to Water Lines	\$30,000
50-60-92-99208	Repairs to Lift Stations	\$93,700
	<b>Total Infrastructure Maintenance</b>	<b><u>\$129,700</u></b>
	<b>Debt Service</b>	
50-60-94-99418	2010C Bonds Principal	\$115,000
50-60-94-99420	2010C Bonds Interest	\$20,458
50-60-94-99432	Bond Admin & Disclosure Fees	\$600
	<b>Total Debt Service</b>	<b><u>\$136,058</u></b>
	<b>Replacement Funding</b>	
50-80-96-99660	Contribution to Vehicle Repl.	\$98,450
50-80-96-99661	Contribution to Technology Repl.	\$18,454
50-80-96-99662	Contribution to Building Repl.	\$22,770
	<b>Total Replacement Funding</b>	<b><u>\$139,674</u></b>
	<b>Water and Sewer Fund Total</b>	<b><u>\$7,166,945</u></b>
	<b>Commuter Parking Lot Fund</b>	
	<b>Professional Services</b>	
51-60-73-77307	Engineering Expenses	\$750
51-60-73-77313	Legal Services	\$500
	<b>Total Professional Services</b>	<b><u>\$1,250</u></b>
	<b>Commodities</b>	
51-60-74-77434	Operating Supplies	\$750
51-60-74-77440	Printing	\$600
51-60-74-77452	Street Signs	\$500
	<b>Total Commodities</b>	<b><u>\$1,850</u></b>

**Village of Round Lake - Annual Budget**  
**Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017**

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Contractual Services</b>	
51-60-75-77507	Commuter Parking Rent	\$4,800
	<b>Total Contractual Services</b>	<u>\$4,800</u>
	<b>Miscellaneous</b>	
51-60-77-77706	Miscellaneous Expense	\$2,884
	<b>Total Miscellaneous</b>	<u>\$2,884</u>
	<b>Buildings &amp; Grounds</b>	
51-60-79-77903	B&G Contracts	\$23,500
51-60-79-77905	B&G Repairs	\$1,250
51-60-79-77911	Landscaping	\$9,500
51-60-79-77915	Parking Lot Maintenance	\$5,000
	<b>Total Buildings &amp; Grounds</b>	<u>\$39,250</u>
	<b>Utilities</b>	
51-60-82-88206	Electrical Service	\$6,000
	<b>Total Utilities</b>	<u>\$6,000</u>
	<b>Land/Land Improvements</b>	
51-60-86-88601	Land/Land Improvement:	\$215,200
	<b>Total Land/Land Improvements</b>	<u>\$215,200</u>
	<b>Commuter Parking Lot Fund Total</b>	<u><u>\$271,234</u></u>
	<b>Internal Service Funds</b>	
	<b>Vehicle Replacement Fund</b>	
	<b>Capital Outlay</b>	
60-40-80-88001	Equipment	\$18,000
60-40-80-88004	Vehicles	\$84,036
60-40-80-88024	Vehicle Equipment	\$15,450
60-60-80-88004	Vehicles	\$269,537
60-60-80-88024	Vehicle Equipment	\$60,000
	<b>Total Capital Outlay</b>	<u>\$447,023</u>
	<b>Vehicle Replacement Fund Total</b>	<u><u>\$447,023</u></u>
	<b>Technology Replacement Fund</b>	
	<b>Technology</b>	
61-20-91-99103	Computer Upgrades/Software	\$85,000
61-20-91-99117	IT Equipment	\$24,000
61-40-80-88024	Vehicle Equipment	\$25,000

*Village of Round Lake - Annual Budget  
Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017*

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
61-40-91-99117	IT Equipment	\$13,700
61-60-91-99117	IT Equipment	\$11,000
61-70-91-99117	IT Equipment	\$4,000
	<b>Total Technology</b>	<b><u>\$162,700</u></b>
	<b>Technology Replacement Fund Total</b>	<b><u><u>\$162,700</u></u></b>
	<b>Building Replacement Fund</b>	
	<b>Building Improvements &amp; Equipment</b>	
62-20-80-88001	Equipment	\$10,000
62-20-80-88018	Office Equipment	\$7,500
62-20-85-88501	Building Improvements	\$73,000
62-40-80-88001	Office Equipment	\$5,000
62-40-85-88501	Building Improvements	\$30,000
62-60-80-88001	Equipment	\$31,000
62-70-80-88018	Office Equipment	\$5,000
62-60-85-88501	Building Improvements	\$16,500
62-70-80-88018	Office Equipment	\$5,000
	<b>Total Building Improvements &amp; Equipment</b>	<b><u>\$183,000</u></b>
	<b>Building Replacement Fund Total</b>	<b><u><u>\$183,000</u></u></b>
	<b>Fudiciary</b>	
	<b>Police Pension Fund</b>	
	<b>Payroll Expenses</b>	
70-20-70-67050	Retirement Benefits	\$254,700
70-20-70-67055	Disability Benefits	\$91,900
70-20-70-67056	Surviving Spouse	\$29,496
70-20-70-67057	Refund of Contributions	\$5,000
	<b>Total Payroll Expenses</b>	<b><u>\$381,096</u></b>
	<b>Personnel Related</b>	
70-20-72-67204	Dues & Memberships	\$800
70-20-72-67206	Medical / Psychological	\$5,000
70-20-72-67208	Meetings, Travel, & Training	\$4,250
	<b>Total Personnel Related</b>	<b><u>\$10,050</u></b>
	<b>Professional Services</b>	
70-20-73-77301	Auditing Expense	\$1,875
70-20-73-77313	Legal Services	\$10,000
70-20-73-77325	Actuarial Services	\$2,500
70-20-73-77331	Accounting Services	\$18,000
	<b>Total Professional Services</b>	<b><u>\$32,375</u></b>

***Village of Round Lake - Annual Budget***  
***Fiscal Year Beginning May 1, 2016 and Ending April 30, 2017***

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
	<b>Commodities</b>	
70-20-74-77430	Office Supplies	\$350
70-20-74-77432	Postage	\$100
	<b>Total Commodities</b>	<b><u>\$450</u></b>
	<b>Charges For Services</b>	
70-20-90-99001	Bank/Investment Fees	\$24,000
70-20-90-99003	DOI Compliance Fee	\$1,250
	<b>Total Charges For Services</b>	<b><u>\$25,250</u></b>
	<b>Police Pension Fund Total</b>	<b><u>\$449,221</u></b>
	<b>Summary</b>	
	General Fund	\$8,689,406
	Motor Fuel Tax Fund	\$1,275,480
	SSA #1 Bright Meadows Fund	\$32,350
	2005 Debt Service Fund	\$282,356
	2010 Debt Service Fund	\$577,305
	2011 Debt Service Fund	\$384,525
	Capital Projects Fund	\$893,360
	Water/Sewer Fund	\$7,166,945
	Commuter Parking Lot Fund	\$271,234
	Vehicle Replacement Fund	\$447,023
	Technology Replacement Fund	\$162,700
	Building Replacement Fund	\$183,000
	Police Pension Fund	\$449,221
	<b>Total</b>	<b><u>\$20,814,905</u></b>