



AGENDA
REGULAR VILLAGE BOARD MEETING
Village Hall - Public Meeting Room
Monday, June 22, 2015 – 7:00 p.m.

Reasonable accommodations/auxiliary aids will be provided to enable persons with disabilities to effectively participate in any public meetings of the Board. Please contact the Village Administrative Office (847.883.8600) 48 hours in advance if you need special accommodations to attend. Regular Village Board Meetings will not proceed past 10:30 p.m. unless there is a consensus of the majority of the Trustees to do so.

CALL TO ORDER

1.0 ROLL CALL

2.0 APPROVAL OF MINUTES

2.1 Approval of the June 8, 2015 Regular Village Board Meeting Minutes

3.0 REPORTS OF OFFICERS

3.1 Mayor's Report

3.2 Village Clerk's Report

3.3 Village Treasurer's Report

3.4 Village Manager's Report

4.0 PAYMENT OF BILLS

4.1 Bills Presented for Payment on June 22, 2015 in the amount of \$447,855.23

5.0 CITIZENS WISHING TO ADDRESS THE BOARD (on agenda items only)

6.0 PETITIONS AND COMMUNICATIONS

7.0 CONSENT AGENDA

Items on the Consent Agenda will be approved by one motion. If a Trustee wishes to discuss any item, it will be pulled from the Consent Agenda and discussed under "Unfinished Business".

7.1 Approval of an Ordinance Adopting the Prevailing Wage Rates to be paid to Laborers, Mechanics and Other Workers Performing Construction of Public Works for the Village of Lincolnshire (Village of Lincolnshire)

7.2 Approval of the Des Plaines River Watershed Workgroup Agreement (Village of Lincolnshire)

7.3 Approval of a Joint Purchasing Agreement with Palatine Oil, Inc., Schaumburg, IL for Purchase of Gasoline and Diesel Fuel 2015 (Village of Lincolnshire)

7.4 Approval of Awarding Bid to Waukegan Roofing for Utility Building Roof Replacement Project in the Amount of \$85,740.00 (Village of Lincolnshire)

7.5 Approval of the 2015 Update to Lincolnshire Flood Response Manual (Village of Lincolnshire)

8.0 ITEMS OF GENERAL BUSINESS

8.1 Planning, Zoning & Land Use

8.11 Approval of an Ordinance Amending Chapter 2 of Title 13, Landscaping, of the Lincolnshire Village Code to update the Village's landscaping regulations (Village of Lincolnshire)

8.2 Finance and Administration

8.3 Public Works

8.4 Police

8.5 Parks and Recreation

8.6 Judiciary and Personnel

9.0 REPORTS OF SPECIAL COMMITTEES

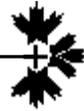
10.0 UNFINISHED BUSINESS

11.0 NEW BUSINESS

12.0 ADJOURNMENT



One Olde Half Day Road
Lincolnshire, IL 60069
www.lincolnshireil.gov



2.1

MINUTES
REGULAR VILLAGE BOARD MEETING
Monday, June 8, 2015

Present:

Mayor Brandt
Trustee Grujanac
Trustee McDonough
Village Clerk Mastandrea
Village Manager Burke
Finance Director Peterson
Public Works Director Woodbury
Village Planner Robles
Operations Superintendent Pippen

Trustee Feldman
Trustee McAllister
Trustee Servi
Village Attorney Simon
~~Chief of Police Kinsey~~
Community & Economic Development
Director McNellis
Engineering Supervisor Horne

ROLL CALL

Mayor Brandt called the meeting to order at 7:00 p.m., and Village Clerk Mastandrea called the Roll.

2.1 Approval of the May 26, 2015 Regular Village Board Meeting Minutes

Trustee McDonough moved and Trustee Servi seconded the motion to approve the minutes of the Regular Village Board Meeting of May 26, 2015 as presented. The roll call vote was as follows: AYES: Trustees McAllister, Servi, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: Trustee Grujanac. Mayor Brandt declared the motion carried.

3.0 REPORTS OF OFFICERS

3.1 Mayor's Report

3.11 Consideration of Appointment of Village Trustee, Village Treasurer and Appointments/ Reappointments to Positions on Zoning Board, Architectural Review Board, and Park Board

Mayor Brandt stated she would like to appoint Mr. Mark Hancock to the two years remaining on the Trustee seat vacated as a result of her recent election to Mayor. Mayor Brandt provided background history and information related to Mr. Hancock.

Trustee Grujanac moved and Trustee McAllister seconded the motion to appoint Mr. Mark Hancock to a two-year term as Village Trustee. The roll call vote was as follows: AYES: Trustees McAllister, Servi, Grujanac, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: None. Mayor Brandt declared the motion carried.

Village Clerk Mastandrea administered the oath to Mr. Mark Hancock. Trustee Hancock introduced his family in attendance at the meeting.

Mayor Brandt noted she had several other appointments to present to the Village Board for consideration and suggested all appointments or reappointments could be voted on as one motion unless there were specific appointments members of the Board wished to discuss. Mayor Brandt explained she is recommending appointing Mr. Michael Peterson as Village Treasurer to a term which matches her term as Mayor. Mayor Brandt reviewed all appointments and re-appointments to all other advisory Boards listing the appointees by Board.

A summary of the Mayor’s recommended appointments are as follows:

Position	Name	Term End	Appointment/ Reappointment
Treasurer	Michael Peterson	4/30/2019	Appointment
Michael Van de Kerchove	Zoning Board	05/01/2018	Reappointment
Scott Brady	Zoning Board – Alternate	05/01/2016	Appointment
Ken Borgerding	Park Board – Chair	05/01/2018	Reappointment
Ted Heiser	Park Board	05/01/2017	Reappointment
Sandra Wright	Park Board	05/01/2018	Appointment
Kathy Alred-Lin	Park Board	05/01/2018	Reappointment
Lee Fell	Park Board – Alternate	05/01/2017	Reappointment
Wes Grover	Architectural Review Board – Chair	05/01/2018	Reappointment
Cherise Kennerly	Architectural Review Board	05/01/2018	Reappointment
Brad Smith	Architectural Review Board	05/01/2017	Appointment
Todd Jenson	Architectural Review Board	05/01/2017	Appointment
Ann Barranco	Architectural Review Board – Alternate	05/01/2016	Appointment

Trustee McDonough moved and Trustee Servi seconded the motion to approve all appointments and re-appointments as recommended by staff. The roll call vote was as follows: AYES: Trustees McAllister, Servi, Grujanac, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: None. Mayor Brandt declared the motion carried.

3.2 Village Clerk’s Report – None

3.3 Village Treasurer's Report

3.31 Revenues and Expenditures by Fund for the month of May, 2015

Treasurer/Finance Director Peterson reported Revenues and Expenditures for the month of May 2015 have been reviewed and all funds have been properly recorded.

3.4 Village Manager's Report - None

4.0 PAYMENT OF BILLS

4.1 Bills Presented for Payment on June 8, 2015 in the amount of \$634,805.09

Trustee McAllister moved and Trustee Grujanac seconded the motion to approve the bills prelist as presented. The roll call vote was as follows: AYES: Trustees Servi, Grujanac, McAllister, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: Trustee Hancock. Mayor Brandt declared the motion carried.

5.0 CITIZENS WISHING TO ADDRESS THE BOARD (on agenda items only)

6.0 PETITIONS AND COMMUNICATIONS

7.0 CONSENT AGENDA – (NONE)

8.0 ITEMS OF GENERAL BUSINESS

8.1 Planning, Zoning & Land Use

8.2 Finance and Administration

8.3 Public Works

8.31 Consideration, Discussion and Approval of an Agreement with the Illinois Department of Transportation for reimbursement of Funds Expended on Recreational Path Improvements along State Routes (Village of Lincolnshire – Waiver of First Reading Requested)

Trustee McDonough moved and Trustee Grujanac seconded the motion to approve Waiver of the First Reading for an Agreement with the Illinois Department of Transportation for reimbursement of Funds Expended on Recreational Path Improvements along State Routes. The roll call vote was as follows: AYES: Trustees Grujanac, Servi, McAllister, Hancock and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: None. Mayor Brandt declared the motion carried.

Engineering Supervisor Horne provided a summary of the proposed agreement with Illinois Department of Transportation for reimbursement of funds expended on recreational path improvements along state routes.

Trustee McDonough moved and Trustee Servi seconded the motion to approve an Agreement with the Illinois Department of Transportation for reimbursement of Funds Expended on Recreational Path Improvements along State Routes. The roll call vote was as follows: AYES: Trustees Servi, McAllister, Grujanac, Hancock, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: None. Mayor Brandt declared the motion carried.

8.4 Police

8.5 Parks and Recreation

8.6 Judiciary and Personnel

8.61 Approval of Park Board Recommendation Regarding Request to Use North Park for National Night Out – August 4, 2015 (Village of Lincolnshire)

Village Manger Burke noted this item was presented at the May 26, 2015 Committee of the Whole meeting.

Trustee McDonough moved and Trustee Grujanac seconded the motion to approve a Park Board Recommendation Regarding a Request to Use North Park for National Night Out – August 4, 2015. The roll call vote was as follows: AYES: Trustees Servi, McAllister, Grujanac, Hancock, and McDonough. NAYS: None. ABSENT: Trustee Feldman. ABSTAIN: None. Mayor Brandt declared the motion carried.

9.0 REPORTS OF SPECIAL COMMITTEES

10.0 UNFINISHED BUSINESS

11.0 NEW BUSINESS

12.0 EXECUTIVE SESSION

13.0 ADJOURNMENT

Trustee McDonough moved and Trustee McAllister seconded the motion to adjourn. The voice vote was unanimous and Mayor Brandt declared the meeting adjourned at 7:13 p.m.

Respectfully submitted,
VILLAGE OF LINCOLNSHIRE

Barbara Mastandrea
Village Clerk



VILLAGE OF LINCOLNSHIRE

BILLS PRESENTED FOR PAYMENT

June 22, 2015

General Fund	\$	187,047.10
Water & Sewer Fund	\$	135,735.63
Motor Fuel Tax	\$	-
Retirement Fund	\$	200.00
Water & Sewer Improvement Fund	\$	12,503.52
Fraud, Alcohol, Drug Enforcement	\$	375.00
Vehicle Maintenance Fund	\$	6,729.54
E 911 Fund	\$	23,413.90
Park Development Fund		
Sedgebrook SSA	\$	33.75
SSA Traffic Signal		
General Capital Fund	\$	81,816.79
GRAND TOTAL	\$	447,855.23

Brad Burke, Village Manager

DATE: 06/16/2015
TIME: 11:12:17
ID: AP444000.WOW

-- VILLAGE OF LINCOLNSHIRE --
DETAIL BOARD REPORT

PAGE: 1

MANUAL CHECKS ISSUED 06/09/2015 THRU 06/22/2015

INVOICE # VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	CHECK #	CHECK DATE	ITEM AMT

L1202	LAKE FOREST POST OFFICE						
17319P	06/12/15	01	NEWSLETTERS- SUMMER 2015	0112616000	073020	06/09/15	29.44
		02	NEWSLETTERS- SUMMER 2015	0201616000			29.44
						INVOICE TOTAL:	58.88
						VENDOR TOTAL:	58.88
L1590	LINCOLNSHIRE POSTMASTER						
17319-P	06/12/15	01	POSTAGE - PERMIT 23	0112616000	073021	06/09/15	284.49
		02	POSTAGE - PERMIT 23	0201616000			284.49
		03	NEWSLETTERS- SUMMER 2015	0112616000			290.96
		04	NEWSLETTERS- SUMMER 2015	0201616000			290.96
						INVOICE TOTAL:	1,150.90
						VENDOR TOTAL:	1,150.90
P1140	PAYLOCITY						
101564009	06/12/15	01	06/12 PAY SERVICES	0112619130	201523	06/09/15	476.52
						INVOICE TOTAL:	476.52
						VENDOR TOTAL:	476.52
P1150	PAYMENT SERVICE NETWORK INC.						
107055	06/12/15	01	05/15 LOCKBOX SERVICES	0201619001	201524	06/09/15	259.35
						INVOICE TOTAL:	259.35
						VENDOR TOTAL:	259.35
						TOTAL ALL INVOICES:	1,945.65

DATE: 06/16/2015
 TIME: 11:14:34
 ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 DEPARTMENT SUMMARY REPORT

PAGE: 1

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
00	ASSETS-LIABILITIES-REVENUES		
A1354	ANCEL GLINK DIAMOND BUSH	63,544.48	5,850.00
B1056	B & F CONSTRUCTION CODE	23,499.08	3,343.88
F2351	FOREST VIEW, INC		1,684.22
K1010	TIMOTHY KELLEY	7,660.00	2,320.00
L0006	VILLAGE OF LINCOLNSHIRE		6,415.48
L0875	LINCOLNSHIRE RIVERWOODS FPD	6,972.40	600.00
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	50.00
N0600	NORTH SUBURBAN EMPLOYEE	358,758.68	4,653.00
U1266	U-HAUL		534.53
Y1225	YOESSEP CONSTRUCTION GROUP		8,040.00
	ASSETS-LIABILITIES-REVENUES		33,491.11
01	ADMINISTRATION SERVICES		
C0166	COMED - BILL PAYMENT CTR	22,643.95	86.00
I0290	ILCMA		369.00
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	40.00
	ADMINISTRATION SERVICES		495.00
05	POLICE		
A1790	ACCURATE DOCUMENT DESTRUCTION	598.08	79.72
B1443	THOMAS BRANICK	780.00	1,560.00
C1004	CHICAGO COMMUNICATIONS LLC	4,285.60	607.60
C1920	CONRAD POLYGRAPH, INC	320.00	160.00
G1699	RONALD C GLIDDEN		636.00
I1045	ILLINOIS SECRETARY OF STATE	512.00	101.00
L1121	LUND INDUSTRIES		1,428.63
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	4.52
L1449	LEXISNEXIS RISK DATA MGMT	431.00	64.50
M1485	MAJOR CRASH ASSISTANCE TEAM		250.00
M1633	SARAH MACIAREILLO	196.66	45.97
N1422	NORTHWESTERN UNIVERSITY	1,050.00	900.00
S1566	SMITH & LALUZURNE, LTD.	22,837.50	3,173.75
T1067	THOMSON REUTERS-WEST		300.00
	POLICE		9,311.69
08	COMMUNITY & ECONOMIC DEV		

DATE: 06/16/2015
 TIME: 11:14:34
 ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 DEPARTMENT SUMMARY REPORT

PAGE: 2

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
08	COMMUNITY & ECONOMIC DEV		
C1189	CDW GOVERNMENT, INC.	2,463.68	1,269.90
C1439	CHICAGO TRIBUNE	1,723.36	57.89
	COMMUNITY & ECONOMIC DEV		1,327.79
12	INSURANCE & COMMON EXPENSE		
A1354	ANCEL GLINK DIAMOND BUSH	63,544.48	4,770.00
A1733	AMERICAN PRINTING TECHNOLOGIES	6,617.83	219.26
C0478	COMCAST PHONE LLC	1,390.55	250.29
C1189	CDW GOVERNMENT, INC.	2,463.68	237.43
I1300	INTERDEV, LLC	32,500.98	4,875.14
M1328	MESIROW INSURANCE SERVICES	71,078.64	130.00
M1350	MUNICIPAL GIS PARTNERS, INC.	28,916.64	4,370.54
N0600	NORTH SUBURBAN EMPLOYEE	358,758.68	46,199.53
P0444	PITNEY BOWES, INC.	612.00	306.00
X0559	XEROX CORPORATION	5,006.11	773.89
	INSURANCE & COMMON EXPENSE		62,132.08
20	PW ADMINISTRATION		
D1556	DES PLAINES RIVER		1,847.00
F0707	FEDEX	407.49	32.39
	PW ADMINISTRATION		1,879.39
21	PW STREETS		
B1265	BROOK ELECTRICAL SUPPLY	1,733.02	472.00
C0176	CLARKE ENVIRON. MOSQUITO MGMT	17,044.75	17,044.75
F1146	FAULKS BROS. CONSTRUCTION INC		794.51
H1075	HOME DEPOT CREDIT SERVICES	5,242.30	300.71
H1233	HOVING CLEAN SWEEP, LLC	2,660.00	2,660.00
H2446	HALLSIGNS		1,897.92
K1233	CHERISE KENNERLEY		89.00
L0495	LAKE COUNTY TREASURER	16,836.28	873.45
R1077	RUSSO POWER EQUIPMENT	2,942.25	370.00
T2583	TRAFFIC CONTROL & PROTECTION	4,447.05	570.00
W2620	WASTE MANAGEMENT		1,520.00
	PW STREETS		26,592.34

DATE: 06/16/2015
 TIME: 11:14:35
 ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 DEPARTMENT SUMMARY REPORT

PAGE: 3

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
22	PW PARKS & OPEN SPACE		
B1920	BISHOP PLUMBING		1,742.95
F1146	FAULKS BROS. CONSTRUCTION INC		1,693.70
G1467	GREEN ACRES LANDSCAPING	42,800.00	15,248.00
H1075	HOME DEPOT CREDIT SERVICES	5,242.30	855.67
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	72.24
M0833	BEN MEADOWS COMPANY INC		61.14
M1277	MUELLERMIST IRRIGATION CO	729.45	6,237.78
N1055	NAMEPLATE & PANEL TECHNOLOGY		65.00
P1523	PASQUESI HOME & GARDENS	62.94	95.87
T1137	TRUGREEN LIMITED PARTNERSHIP		1,315.00
T2055	TWIN OAKS LANDSCAPING	1,532.00	4,130.00
V0534	VANS ENTERPRISES, LTD	401.86	10,896.00
	PW PARKS & OPEN SPACE		42,413.35
25	PW BUILDINGS		
B1638	BADE PAPER PRODUCTS	3,921.11	363.04
C1534	CLARKE AQUATIC SERVICES	502.00	3,355.50
D0634	KONEMATIC, INC	3,912.59	3,149.00
D1442	DUSTCATCHERS & A LOGO MAT INC	727.30	113.26
H1075	HOME DEPOT CREDIT SERVICES	5,242.30	206.64
L1087	LAWSON PRODUCTS INC	788.55	80.26
L1667	J. C. LICHT & COMPANY	348.11	73.08
S1055	SIMPLEXGRINNELL LP	3,449.50	773.16
S1644	SMITHEREEN PEST MGMT	1,246.00	209.00
	PW BUILDINGS		8,322.94
WATER & SEWER FUND			
01	ADMINISTRATION		
A1354	ANCEL GLINK DIAMOND BUSH	63,544.48	1,192.50
A1733	AMERICAN PRINTING TECHNOLOGIES	6,617.83	614.27
C0478	COMCAST PHONE LLC	1,390.55	27.82
I1300	INTERDEV, LLC	32,500.98	541.69
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	6.00
M1328	MESIROW INSURANCE SERVICES	71,078.64	58.00
M1350	MUNICIPAL GIS PARTNERS, INC.	28,916.64	485.62
N0600	NORTH SUBURBAN EMPLOYEE	358,758.68	7,048.32
X0559	XEROX CORPORATION	5,006.11	86.00
	ADMINISTRATION		10,060.22

DATE: 06/16/2015
 TIME: 11:14:35
 ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 DEPARTMENT SUMMARY REPORT

PAGE: 4

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
WATER & SEWER FUND			
02	OPERATIONS		
B1337	BEHM ENTERPRISES, INC.	16,795.00	3,000.00
D1087	DI MEO BROS., INC.	7,476.40	21,584.74
H0264	CITY OF HIGHLAND PARK	413,118.05	98,418.66
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	24.01
M1075	MIDWEST METER INC	95,094.36	1,663.76
U2184	USC FCCCHR-USC		120.00
	OPERATIONS		124,811.17
RETIREMENT FUND			
01	OPERATING		
P1141	PROFESSIONAL BENEFIT ADMIN INC	1,700.00	200.00
	OPERATING		200.00
WATER & SEWER IMPROVEMENT FUND			
01	OPERATING		
M1075	MIDWEST METER INC	95,094.36	12,503.52
	OPERATING		12,503.52
FRAUD-ALCOHOL-DRUG ENFORC FUND			
05	POLICE		
E1664	ELINEUP LLC		375.00
	POLICE		375.00
VEHICLE MAINTENANCE FUND			
01	OPERATING		
A0675	ALLDATA		1,500.00
A0702	ARLINGTON HEIGHTS FORD	4,009.23	90.78
A0866	AIRGAS, INC	1,162.04	192.03
A1022	AMERICAN WELDING & GAS		90.11
B1182	BONNELL INDUSTRIES INC.	28,184.39	361.63
D1057	DAVID F. VANDERPLOW		1,000.00
E0217	ERNIE'S WRECKER SERVICE, INC.		300.00

DATE: 06/16/2015
TIME: 11:14:35
ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
DEPARTMENT SUMMARY REPORT

PAGE: 5

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
VEHICLE MAINTENANCE FUND			
01	OPERATING		
G0723	W. W. GRAINGER, INC	3,175.11	50.70
I1205	INTERSTATE ALL BATTERY CENTER	1,448.30	154.95
L1087	LAWSON PRODUCTS INC	788.55	423.26
L1155	VIL OF LINCOLNSHIRE-PETTY CASH	2,327.02	33.59
L2305	LIBERTYVILLE CHEVROLET	4,930.19	42.15
M1328	MESIROW INSURANCE SERVICES	71,078.64	12.00
N0600	NORTH SUBURBAN EMPLOYEE	358,758.68	1,817.15
N1423	NAPA-SHERIDAN AUTO PARTS	899.08	72.03
P1445	POMP'S TIRE SERVICE INC.	4,891.74	419.50
R1266	RUSH TRUCK CENTERS	1,655.04	154.62
V1344	VERMEER- ILLINOIS, INC.		15.04
	OPERATING		6,729.54
E911 FUND			
01	OPERATING		
A0468	A T & T	5,396.82	39.74
V1622	VILLAGE OF VERNON HILLS	143,676.96	23,374.16
	OPERATING		23,413.90
SSA SEDGEBROOK FUND			
01	OPERATING		
M1420	MUNICAP INC	7,833.75	33.75
	OPERATING		33.75
GENERAL CAPITAL FUND			
05	POLICE		
L1121	LUND INDUSTRIES		1,575.00
	POLICE		1,575.00
21	PW STREETS		
A1113	ADAMS ENTERPRISES, INC.	418.37	12,529.00
B1750	CHRISTOPHER B BURKE	14,500.93	2,122.00

DATE: 06/16/2015
TIME: 11:14:35
ID: AP443000.WOW

-- VILLAGE OF LINCOLNSHIRE --
DEPARTMENT SUMMARY REPORT

PAGE: 6

INVOICES DUE ON/BEFORE 06/22/2015

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE

GENERAL CAPITAL FUND			
21	PW STREETS		
C1358	CHICAGOLAND PAVING		31,972.65
	PW STREETS		46,623.65
22	PW PARKS & OPEN SPACE		
B1750	CHRISTOPHER B BURKE	14,500.93	8,226.83
G1107	GEWALT HAMILTON ASSOCIATES	37,104.66	2,127.00
	PW PARKS & OPEN SPACE		10,353.83
25	PW BUILDINGS		
A2955	ANDERSON LOCK	749.90	8,942.04
H1631	HAYES MECHANICAL LLC	4,817.88	14,322.27
	PW BUILDINGS		23,264.31
	TOTAL ALL DEPARTMENTS		445,909.58

DATE: 06/16/15
 TIME: 11:40:31
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-00-05-1010	Petty Cash- Finance VIL OF LINCOLNSHIRE-PETTY CASH	L1155	2015 LIFEGUARD CASH BOX	73077	06/22/15	50.00
			ACCOUNT TOTAL:			50.00
01-00-45-2222	FLEX HEALTH SPENDING VILLAGE OF LINCOLNSHIRE	L0006	xfer Flex balance to Retire	73071	06/22/15	6,415.48
			ACCOUNT TOTAL:			6,415.48
01-00-45-2258	COBRA - RETIREE INS PAYMENTS NORTH SUBURBAN EMPLOYEE	N0600	RETIREES MEDICAL	73086	06/22/15	4,653.00
			ACCOUNT TOTAL:			4,653.00
01-00-50-2478	BLD-ELEC-MECH-PLUMB INSP B & F CONSTRUCTION CODE	B1056	INSP--.4/01 THRU 4/30/15	73032	06/22/15	1,040.00
			ACCOUNT TOTAL:			1,040.00
01-00-50-2481	BLD-ELEC-MECH-PLUMB REVIEWS B & F CONSTRUCTION CODE B & F CONSTRUCTION CODE LINCOLNSHIRE RIVERWOODS FPD LINCOLNSHIRE RIVERWOODS FPD LINCOLNSHIRE RIVERWOODS FPD LINCOLNSHIRE RIVERWOODS FPD LINCOLNSHIRE RIVERWOODS FPD LINCOLNSHIRE RIVERWOODS FPD	B1056 B1056 L0875 L0875 L0875 L0875 L0875 L0875	10 WESTMINSTER WAY-LOBBY ALTRN 625 HEATHROW DR.--INTR.ALTRNS. 10 MARRIOTT-3-TENTS-LIFE SAFTY 10 MARRIOTT-3-TENTS-LIFE SAFTY 10 MARRIOTT-3-TENTS-LIFE SAFTY 10 MARRIOTT-3-TENTS-LIFE SAFTY 10 WESTMINSTER WAY-L.SAFETY 200 SCHELTER RD.-FIRE ALARM	73032 73032 73073 73073 73073 73073 73073 73073	06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15	895.50 1,408.38 50.00 50.00 50.00 50.00 200.00 250.00
			ACCOUNT TOTAL:			2,903.88
01-00-50-2491	CASH BONDS/DEPOSITS TIMOTHY KELLEY YOSEF CONSTRUCTION GROUP	K1010 Y1225	Return bond permit#2013-033B Return cash bond #2013-171B	73069 73111	06/22/15 06/22/15	2,320.00 8,040.00
			ACCOUNT TOTAL:			10,360.00
01-00-60-2810	UHAUL U-HAUL	U1266	200 INDUSTRIAL DR.-ACCT.REFUND	73104	06/22/15	534.53
			ACCOUNT TOTAL:			534.53
01-00-60-2846	PULTE GROUP					

DATE: 06/16/15
 TIME: 11:40:31
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-00-60-2846	PULTE GROUP ANCEL GLINK DIAMOND BUSH	A1354	PULTE LEGAL FEES	D000100	06/22/15	5,850.00
			ACCOUNT TOTAL:			5,850.00
01-00-60-2853	FOREST VIEW SUBDIVISION FOREST VIEW, INC	F2351	13 HALF DAY RD.-ACCT.REFUND	73054	06/22/15	1,684.22
			ACCOUNT TOTAL:			1,684.22
01-01-63-1000	MEMBERSHIPS ILCMA	I0290	BURKE MEMBER FEES	73066	06/22/15	369.00
			ACCOUNT TOTAL:			369.00
01-01-63-9000	BUSINESS EXPENSES COMED - BILL PAYMENT CTR VIL OF LINCOLNSHIRE-PETTY CASH	C0166 L1155	MUNICIPAL AGGREGATION REPORT DRY CLEAN TBL CLOTH- LESLIE	73037 73077	06/22/15 06/22/15	86.00 40.00
			ACCOUNT TOTAL:			126.00
01-05-61-3002	EQ MAINT- AUDIO/EMERG LIGHT LUND INDUSTRIES LUND INDUSTRIES	L1121 L1121	Inst.Ignition Override Sq#101 Install Deck/Grill LED's Sq#97	73076 73076	06/22/15 06/22/15	253.63 275.00
			ACCOUNT TOTAL:			528.63
01-05-61-3016	EQ MAINT- RADAR UNITS LUND INDUSTRIES LUND INDUSTRIES LUND INDUSTRIES LUND INDUSTRIES	L1121 L1121 L1121 L1121	Install Radar System in Squads Install Radar System in Squads Install Radar System in Squads Install Radar System in Squads	73076 73076 73076 73076	06/22/15 06/22/15 06/22/15 06/22/15	225.00 225.00 225.00 225.00
			ACCOUNT TOTAL:			900.00
01-05-61-3020	EQ MAINT- LOCAL RADIO CHICAGO COMMUNICATIONS LLC	C1004	July 2015 Monthly Maintenance	D000104	06/22/15	607.60
			ACCOUNT TOTAL:			607.60
01-05-61-4013	PROF SERV- LEGAL SERVICES SMITH & LALUZURNE, LTD.	S1566	May 2015 Legal Services	73097	06/22/15	3,173.75
			ACCOUNT TOTAL:			3,173.75
01-05-63-1000	MEMBERSHIPS					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-05-63-1000	MEMBERSHIPS MAJOR CRASH ASSISTANCE TEAM	M1485	2015 Annual Membership	73085	06/22/15	250.00
			ACCOUNT TOTAL:			250.00
01-05-63-3002	PROF DEV- CERTIFIED COURSES THOMAS BRANICK	B1443	TUITION REIMBRUSEMENT	D000102	06/22/15	1,560.00
	RONALD C GLIDDEN	G1699	Registration for "Bulletproof	73058	06/22/15	636.00
	SARAH MACIAREILLO	M1633	Meal Reimbursement for	D000109	06/22/15	20.00
	SARAH MACIAREILLO	M1633	Mileage Reimbursement for	D000109	06/22/15	25.97
	NORTHWESTERN UNIVERSITY	N1422	Registration for Supervision	73088	06/22/15	900.00
			ACCOUNT TOTAL:			3,141.97
01-05-63-4000	PUBLICATIONS THOMSON REUTERS-WEST	T1067	2015 IL Criminal & Motor	73099	06/22/15	300.00
			ACCOUNT TOTAL:			300.00
01-05-63-9000	BUSINESS EXPENSES ACCURATE DOCUMENT DESTRUCTION	A1790	Document Shredding 05/21/15	73030	06/22/15	71.50
	ACCURATE DOCUMENT DESTRUCTION	A1790	Environmental Fee	73030	06/22/15	8.22
	VIL OF LINCOLNSHIRE-PETTY CASH	L1155	PRISONER MEAL 2014-12209 EDWAR	73077	06/22/15	4.52
	LEXISNEXIS RISK DATA MGMT	L1449	Internet, Computer and Phone	73078	06/22/15	64.50
			ACCOUNT TOTAL:			148.74
01-05-63-9007	VEH TITLES/ PLATES ILLINOIS SECRETARY OF STATE	I1045	Registration Fee for Squad 104	73067	06/22/15	101.00
			ACCOUNT TOTAL:			101.00
01-05-63-9009	OFFICER TESTING CONRAD POLYGRAPH, INC	C1920	TAZZIOLI POLYGRAPH	73044	06/22/15	160.00
			ACCOUNT TOTAL:			160.00
01-08-61-5000	LEGAL NOTICES CHICAGO TRIBUNE	C1439	CD/LEGAL NOTICES	73042	06/22/15	57.89
			ACCOUNT TOTAL:			57.89
01-08-63-9004	EQUIPMENT & CLOTHING					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-08-63-9004	EQUIPMENT & CLOTHING CDW GOVERNMENT, INC.	C1189	SURFACE PRO & MOUSE	73040	06/22/15	1,269.90
			ACCOUNT TOTAL:			1,269.90
01-12-61-3501	EQ MAINT- POST METER RENT PITNEY BOWES, INC.	P0444	POSTAGE MTR RNTL 3/20-6/20/15	73090	06/22/15	306.00
			ACCOUNT TOTAL:			306.00
01-12-61-4013	PROF SERV- LEGAL SERVICES ANCEL GLINK DIAMOND BUSH	A1354	PROF SERV- LEGAL SERVICES	D000100	06/22/15	4,770.00
			ACCOUNT TOTAL:			4,770.00
01-12-61-5503	DATA SYS- INTERNET CONNECTION COMCAST PHONE LLC	C0478	T-1 LINE / MAY 2015	73039	06/22/15	250.29
			ACCOUNT TOTAL:			250.29
01-12-61-5507	DATA SYS- SOFTWARE/ LICENSING INTERDEV, LLC	I1300	DATA SYS- SOFTWARE UPGRADES/LI	D000105	06/22/15	147.60
			ACCOUNT TOTAL:			147.60
01-12-61-6000	POSTAGE AMERICAN PRINTING TECHNOLOGIES LAKE FOREST POST OFFICE LINCOLNSHIRE POSTMASTER LINCOLNSHIRE POSTMASTER	A1733 L1202 L1590 L1590	POSTAGE- JUN UTILITY BILLS NEWSLETTERS- SUMMER 2015 POSTAGE - PERMIT 23 NEWSLETTERS- SUMMER 2015	73029 73020 73021 73021	06/22/15 06/09/15 06/09/15 06/09/15	219.26 29.44 284.49 290.96
			ACCOUNT TOTAL:			824.15
01-12-61-7000	DUPLICATING XEROX CORPORATION XEROX CORPORATION XEROX CORPORATION	X0559 X0559 X0559	Nemo - 4-20 to 5-21 May Service Police Copier Meme 4-21 to 5-21	73110 73110 73110	06/22/15 06/22/15 06/22/15	51.30 76.50 304.17
			ACCOUNT TOTAL:			431.97
01-12-61-7001	DUPLICATING- LEASE COPIERS XEROX CORPORATION	X0559	Coco 4-21 to 5-21	73110	06/22/15	341.92
			ACCOUNT TOTAL:			341.92
01-12-61-8701	MEDICAL PREMIUMS- HEALTH					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-12-61-8701	MEDICAL PREMIUMS- HEALTH NORTH SUBURBAN EMPLOYEE	N0600	MEDICAL PREMIUMS- HEALTH	73086	06/22/15	46,199.53
			ACCOUNT TOTAL:			46,199.53
01-12-61-8800	PROPERTY/LIABILITY INS MESIROW INSURANCE SERVICES	M1328	Public Officials-Trustee&Treas	73084	06/22/15	100.00
	MESIROW INSURANCE SERVICES	M1328	Public Officials-Trustee&Treas	73084	06/22/15	30.00
			ACCOUNT TOTAL:			130.00
01-12-61-9022	CONT SVC- GIS SERVICES MUNICIPAL GIS PARTNERS, INC.	M1350	GIS SERVICES - May 2015	D000107	06/22/15	4,370.54
			ACCOUNT TOTAL:			4,370.54
01-12-61-9029	CONT SVC- IT CONSULT/SYS MON INTERDEV, LLC	I1300	CONTRACT SVC- IT CONSULT/SYS M	D000105	06/22/15	4,727.54
			ACCOUNT TOTAL:			4,727.54
01-12-61-9130	CONT SVC- PAYROLL PROCESSING PAYLOCITY	P1140	06/12 PAY SERVICES	201523	06/09/15	476.52
			ACCOUNT TOTAL:			476.52
01-12-80-3005	MISC COMPUTER EQUIPMENT CDW GOVERNMENT, INC.	C1189	PLANAR 22" & USB	73040	06/22/15	225.89
	CDW GOVERNMENT, INC.	C1189	MOUSE	73040	06/22/15	11.54
			ACCOUNT TOTAL:			237.43
01-20-63-1000	MEMBERSHIPS DES PLAINES RIVER	D1556	Annual dues FY 2015	73049	06/22/15	1,847.00
			ACCOUNT TOTAL:			1,847.00
01-20-63-9000	BUSINESS EXPENSES FEDEX	F0707	Ship CRS manual to Cofoid	73052	06/22/15	32.39
			ACCOUNT TOTAL:			32.39
01-21-61-9014	CONT SVC- EQUIP RENTAL					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-21-61-9014	CONT SVC- EQUIP RENTAL					
	TRAFFIC CONTROL & PROTECTION	T2583	Barricade rental	73103	06/22/15	100.00
	TRAFFIC CONTROL & PROTECTION	T2583	Road markers	73103	06/22/15	470.00

			ACCOUNT TOTAL:			570.00
01-21-61-9036	CONT SVC- MOSQUITO ABATE					
	CLARKE ENVIRON. MOSQUITO MGMT	C0176	Payment 2 of 4	73038	06/22/15	17,044.75

			ACCOUNT TOTAL:			17,044.75
01-21-61-9064	CONT SVC- ST SWEEPING					
	HOVING CLEAN SWEEP, LLC	H1233	Street sweeping	73063	06/22/15	2,660.00

			ACCOUNT TOTAL:			2,660.00
01-21-61-9066	CONT SVC- SIGNAL MAINT					
	LAKE COUNTY TREASURER	L0495	2nd qtr traffic signal maint	73072	06/22/15	873.45

			ACCOUNT TOTAL:			873.45
01-21-62-2500	MAINT MAT- YARD WASTE STICKER					
	WASTE MANAGEMENT	W2620	ACCT 180-0078379-2008-6 #49500	73109	06/22/15	1,520.00

			ACCOUNT TOTAL:			1,520.00
01-21-62-3039	MAINT MAT- ST LIGHT ACCESS					
	BROOK ELECTRICAL SUPPLY	B1265	Streetlight head glass	73033	06/22/15	472.00

			ACCOUNT TOTAL:			472.00
01-21-62-3041	MAINT MAT- ST SIGN MATERIALS					
	HOME DEPOT CREDIT SERVICES	H1075	Street sign matls.	73062	06/22/15	31.20
	HOME DEPOT CREDIT SERVICES	H1075	Street sign matls.	73062	06/22/15	34.89
	HALLSIGNS	H2446	12 Boil order signs on stands	73065	06/22/15	1,897.92

			ACCOUNT TOTAL:			1,964.01
01-21-62-3111	R&R- PARKWAY RESTORATION					
	CHERISE KENNERLEY	K1233	Mailbox damage reimbursement	73070	06/22/15	89.00

			ACCOUNT TOTAL:			89.00
01-21-62-3116	R&R- STORM SEWER					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-21-62-3116	R&R- STORM SEWER HOME DEPOT CREDIT SERVICES	H1075	Catch basin rpr matls.	73062	06/22/15	110.25
	HOME DEPOT CREDIT SERVICES	H1075	Catch basin rpr matls.	73062	06/22/15	66.34
			ACCOUNT TOTAL:			176.59
01-21-62-3504	CONST MAT- GRAVEL & SAND FAULKS BROS. CONSTRUCTION INC	F1146	Sand	73053	06/22/15	794.51
			ACCOUNT TOTAL:			794.51
01-21-62-3510	CONST MAT- STORM SEWER HOME DEPOT CREDIT SERVICES	H1075	Blacktop for Storm swr rprs	73062	06/22/15	58.03
			ACCOUNT TOTAL:			58.03
01-21-63-8600	MINOR EQUIPMENT RUSSO POWER EQUIPMENT	R1077	Backpack blower	73094	06/22/15	370.00
			ACCOUNT TOTAL:			370.00
01-22-61-9002	CONT SVC- ATH FIELD MAINT VANS ENTERPRISES, LTD	V0534	North Pk Field Maintenance	73106	06/22/15	7,400.00
	VANS ENTERPRISES, LTD	V0534	Fields 3 and 4 added	73106	06/22/15	3,496.00
			ACCOUNT TOTAL:			10,896.00
01-22-61-9017	CONT SVC- FERTILIZATION TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed at PWF	73101	06/22/15	165.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed 400 Milw	73101	06/22/15	45.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Spring Lk Pk	73101	06/22/15	330.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed 53 Linc Drive	73101	06/22/15	45.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Memorial Pk	73101	06/22/15	70.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Buckingham median	73101	06/22/15	75.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Whitmore-Brampt	73101	06/22/15	170.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Balzer Park	73101	06/22/15	135.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Balzer Pie-lot	73101	06/22/15	55.00
	TRUGREEN LIMITED PARTNERSHIP	T1137	Weed-feed Bicentennial Pk	73101	06/22/15	225.00
			ACCOUNT TOTAL:			1,315.00
01-22-61-9041	CONT SVC- PARK IRRIGATION BISHOP PLUMBING	B1920	RPZ PM and repairs	73036	06/22/15	1,742.95

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-22-61-9041	CONT SVC- PARK IRRIGATION					
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	1,188.00
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	310.00
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	125.00
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	200.00
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	125.00
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	2,717.94
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	219.85
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	552.34
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	122.85
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	228.50
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	277.50
	MUELLERMIST IRRIGATION CO	M1277	Irrigation start-up & repairs	73083	06/22/15	170.80
			ACCOUNT TOTAL:			7,980.73
01-22-61-9160	LNDS CP MAINT- CORRIDOR MOWING					
	GREEN ACRES LANDSCAPING	G1467	Weekly maint roundabout	73057	06/22/15	1,040.00
	GREEN ACRES LANDSCAPING	G1467	Weekly maint corridor mowing	73057	06/22/15	5,340.00
	GREEN ACRES LANDSCAPING	G1467	Weekly maint guardrail maint	73057	06/22/15	200.00
			ACCOUNT TOTAL:			6,580.00
01-22-61-9161	LNDS CP MAINT- CUL-DE-SAC					
	GREEN ACRES LANDSCAPING	G1467	Weekly maint culdesac maint	73057	06/22/15	120.00
			ACCOUNT TOTAL:			120.00
01-22-61-9162	LNDS CP MAINT- PARK & STR BED					
	GREEN ACRES LANDSCAPING	G1467	Weekly maint Pks, Streetbeds	73057	06/22/15	6,588.00
	TWIN OAKS LANDSCAPING	T2055	Park and street bed maint.	73102	06/22/15	4,130.00
			ACCOUNT TOTAL:			10,718.00
01-22-61-9163	LNDS CP MAINT- VH, S VL GN, TRI					
	GREEN ACRES LANDSCAPING	G1467	Weekly maint V-Hall, V-green	73057	06/22/15	1,960.00
			ACCOUNT TOTAL:			1,960.00
01-22-62-3011	MAINT MAT- FERTILIZER/ NUTRIEN					
	VIL OF LINCOLNSHIRE-PETTY CASH	L1155	FERTIZILER/ANT KILLER- JOOS	73077	06/22/15	69.20
			ACCOUNT TOTAL:			69.20
01-22-62-3021	MAINT MAT- LIGHTING PRODUCTS					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

PAGE: 9

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-22-62-3021	MAINT MAT- LIGHTING PRODUCTS HOME DEPOT CREDIT SERVICES	H1075	Exit lights-SLP	73062	06/22/15	239.88
			ACCOUNT TOTAL:			239.88
01-22-62-3026	MAINT MAT- PAINT & SUPP HOME DEPOT CREDIT SERVICES HOME DEPOT CREDIT SERVICES BEN MEADOWS COMPANY INC	H1075 H1075 M0833	Paint for parks Hex bolts for tennis ct Tree tags less credit	73062 73062 73081	06/22/15 06/22/15 06/22/15	47.96 4.32 61.14
			ACCOUNT TOTAL:			113.42
01-22-62-3056	MAINT MAT- PLANTINGS PASQUESI HOME & GARDENS	P1523	Plants	73093	06/22/15	95.87
			ACCOUNT TOTAL:			95.87
01-22-62-3501	CONST MAT- PARKS FAULKS BROS. CONSTRUCTION INC HOME DEPOT CREDIT SERVICES HOME DEPOT CREDIT SERVICES HOME DEPOT CREDIT SERVICES HOME DEPOT CREDIT SERVICES NAMEPLATE & PANEL TECHNOLOGY	F1146 H1075 H1075 H1075 H1075 N1055	Tons of Red rotten granite Rivershire matls. Concrete for Balzer bike rack Various brushes Anchors for SLP raft Name plates	73053 73062 73062 73062 73062 73087	06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15	1,693.70 124.10 39.84 28.23 371.34 65.00
			ACCOUNT TOTAL:			2,322.21
01-22-63-9000	BUSINESS EXPENSES VIL OF LINCOLNSHIRE-PETTY CASH	L1155	MEAL FOR CHGO RVR DAY- FISHER	73077	06/22/15	3.04
			ACCOUNT TOTAL:			3.04
01-25-61-9019	CONT SVC- FIRE PROT SERV SIMPLEXGRINNELL LP SIMPLEXGRINNELL LP	S1055 S1055	Battery repl-fire alarm SLP Battery repl-fire alarm at NPK	73096 73096	06/22/15 06/22/15	336.40 436.76
			ACCOUNT TOTAL:			773.16
01-25-61-9039	CONT SVC- DOOR MAINT KONEMATIC, INC KONEMATIC, INC	D0634 D0634	Overhead door repairs-PM VH Repl springs NP door	73045 73045	06/22/15 06/22/15	2,334.00 815.00
			ACCOUNT TOTAL:			3,149.00
01-25-61-9047	CONT SVC- PEST CONTROL					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

PAGE: 10

GENERAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-25-61-9047	CONT SVC- PEST CONTROL					
	SMITHEREEN PEST MGMT	S1644	RNC pest control services	73098	06/22/15	51.00
	SMITHEREEN PEST MGMT	S1644	Vill Hall pest control service	73098	06/22/15	65.00
	SMITHEREEN PEST MGMT	S1644	PWF pest control services	73098	06/22/15	93.00
			ACCOUNT TOTAL:			209.00
01-25-61-9051	CONT SVC- POND & SWALE MNT					
	CLARKE AQUATIC SERVICES	C1534	Durham detention treatment	73043	06/22/15	435.50
	CLARKE AQUATIC SERVICES	C1534	Spring Lake aquatic services	73043	06/22/15	1,812.00
	CLARKE AQUATIC SERVICES	C1534	Village Hall pond aquatic serv	73043	06/22/15	821.50
	CLARKE AQUATIC SERVICES	C1534	PWF Deten. swale services	73043	06/22/15	286.50
			ACCOUNT TOTAL:			3,355.50
01-25-61-9095	CONT SVC- BUILDING MISC					
	DUSTCATCHERS & A LOGO MAT INC	D1442	Floor mat rent-PWF	73048	06/22/15	36.52
	DUSTCATCHERS & A LOGO MAT INC	D1442	Floor mat rent-V-Hall	73048	06/22/15	20.11
	DUSTCATCHERS & A LOGO MAT INC	D1442	Floor mat rent for PWF	73048	06/22/15	36.52
	DUSTCATCHERS & A LOGO MAT INC	D1442	Floot mat rent for V-Hall	73048	06/22/15	20.11
			ACCOUNT TOTAL:			113.26
01-25-62-3002	MAINT MAT- BLDG COMMODITIES					
	HOME DEPOT CREDIT SERVICES	H1075	Hanger wire	73062	06/22/15	7.48
			ACCOUNT TOTAL:			7.48
01-25-62-3018	MAINT MAT- JANITORIAL SUP					
	LAWSON PRODUCTS INC	L1087	Pumice hand cleaner	73074	06/22/15	80.26
			ACCOUNT TOTAL:			80.26
01-25-62-3027	MAINT MAT- PAPER GOODS					
	BADE PAPER PRODUCTS	B1638	Paper goods	73035	06/22/15	318.04
	BADE PAPER PRODUCTS	B1638	Paper goods	73035	06/22/15	45.00
			ACCOUNT TOTAL:			363.04
01-25-62-3118	R&R- SUPPLIES					
	HOME DEPOT CREDIT SERVICES	H1075	Paint and supplies-V Hall	73062	06/22/15	125.79
	J. C. LICHT & COMPANY	L1667	Paint	73079	06/22/15	73.08
			ACCOUNT TOTAL:			198.87
01-25-62-3512	CONST MAT- SUPPLIES					

DATE: 06/16/15
TIME: 11:40:32
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

GENERAL FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
01-25-62-3512	CONST MAT- SUPPLIES HOME DEPOT CREDIT SERVICES	H1075	Gas Island rpr matls.	73062	06/22/15	73.37

						ACCOUNT TOTAL: 73.37

						GENERAL FUND 187,047.10
						=====

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

WATER & SEWER FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
02-01-60-1500	PART TIME WAGES VIL OF LINCOLNSHIRE-PETTY CASH	L1155	TRAVEL FOR BANNOCKBURN- PANOS	73077	06/22/15	6.00
			ACCOUNT TOTAL:			6.00
02-01-61-2200	Print- Utility Bill AMERICAN PRINTING TECHNOLOGIES	A1733	JUN UB PRINT SERVICE	73029	06/22/15	395.00
			ACCOUNT TOTAL:			395.00
02-01-61-4013	PROF SERV- LEGAL SERVICES ANCEL GLINK DIAMOND BUSH	A1354	PROF SERV- LEGAL SERVICES	D000100	06/22/15	1,192.50
			ACCOUNT TOTAL:			1,192.50
02-01-61-5503	DATA SYS- INTERNET CONNECTION COMCAST PHONE LLC	C0478	T-1 LINE / MAY 2015	73039	06/22/15	27.82
			ACCOUNT TOTAL:			27.82
02-01-61-5507	DATA SYS- SOFTWARE/LICENSING INTERDEV, LLC	I1300	DATA SYS- SOFTWARE UPGRADES/LI	D000105	06/22/15	16.40
			ACCOUNT TOTAL:			16.40
02-01-61-6000	POSTAGE AMERICAN PRINTING TECHNOLOGIES LAKE FOREST POST OFFICE LINCOLNSHIRE POSTMASTER LINCOLNSHIRE POSTMASTER	A1733 L1202 L1590 L1590	POSTAGE- JUN UTILITY BILLS NEWSLETTERS- SUMMER 2015 POSTAGE - PERMIT 23 NEWSLETTERS- SUMMER 2015	73029 73020 73021 73021	06/22/15 06/09/15 06/09/15 06/09/15	219.27 29.44 284.49 290.96
			ACCOUNT TOTAL:			824.16
02-01-61-7000	DUPLICATING XEROX CORPORATION XEROX CORPORATION XEROX CORPORATION	X0559 X0559 X0559	Nemo - 4-20 to 5-21 May Service Police Copier Meme 4-21 to 5-21	73110 73110 73110	06/22/15 06/22/15 06/22/15	5.70 8.50 33.80
			ACCOUNT TOTAL:			48.00
02-01-61-7001	DUPLICATING- LEASE COPIERS XEROX CORPORATION	X0559	Coco 4-21 to 5-21	73110	06/22/15	38.00
			ACCOUNT TOTAL:			38.00
02-01-61-8701	MEDICAL PREMIUMS- HEALTH					

DATE: 06/16/15
 TIME: 11:40:32
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

WATER & SEWER FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
02-01-61-8701	MEDICAL PREMIUMS- HEALTH NORTH SUBURBAN EMPLOYEE	N0600	MEDICAL PREMIUMS- HEALTH	73086	06/22/15	7,048.32
			ACCOUNT TOTAL:			7,048.32
02-01-61-8800	PROPERTY/LIABILITY INS MESIROW INSURANCE SERVICES	M1328	Public Officials-Trustee&Treas	73084	06/22/15	58.00
			ACCOUNT TOTAL:			58.00
02-01-61-9001	CONT SVC- PAYMT PROCESSING PAYMENT SERVICE NETWORK INC.	P1150	05/15 LOCKBOX SERVICES	201524	06/09/15	259.35
			ACCOUNT TOTAL:			259.35
02-01-61-9022	CONT SVC- GIS SERVICES MUNICIPAL GIS PARTNERS, INC.	M1350	GIS SERVICES - May 2015	D000107	06/22/15	485.62
			ACCOUNT TOTAL:			485.62
02-01-61-9029	CONT SVC- IT CONSULT/SYS MON INTERDEV, LLC	I1300	CONTRACT SVC- IT CONSULT/SYS M	D000105	06/22/15	525.29
			ACCOUNT TOTAL:			525.29
02-02-61-9013	CONT SVC- EMERG REP & REST BEHM ENTERPRISES, INC. DI MEO BROS., INC. DI MEO BROS., INC.	B1337 D1087 D1087	Emerg wtrmn:2 Brampton Emerg. repair at 303 Hamilton 2 wtrmn rprs: 801 Suffield Sq	73034 73047 73047	06/22/15 06/22/15 06/22/15	3,000.00 6,159.42 15,425.32
			ACCOUNT TOTAL:			24,584.74
02-02-61-9500	WATER PURCHASE CITY OF HIGHLAND PARK CITY OF HIGHLAND PARK	H0264 H0264	Meter 010222 May 2015 Meter 010223 May 2015	73059 73059	06/22/15 06/22/15	85,757.55 12,661.11
			ACCOUNT TOTAL:			98,418.66
02-02-62-3050	MAINT MAT- CL/ COMP GAS & DET VIL OF LINCOLNSHIRE-PETTY CASH	L1155	BLEACH- 801 SUFFIELD - HOFFMAN	73077	06/22/15	9.37
			ACCOUNT TOTAL:			9.37
02-02-62-3600	WATER METERS					

DATE: 06/16/15
 TIME: 11:40:33
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

WATER & SEWER FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
02-02-62-3600	WATER METERS					
	MIDWEST METER INC	M1075	Water meter	D000106	06/22/15	173.00
	MIDWEST METER INC	M1075	Water meters	D000106	06/22/15	1,490.76
			ACCOUNT TOTAL:			1,663.76
02-02-63-1000	MEMBERSHIPS					
	USC FCCCHR-USC	U2184	Water Purveyor Mbrshp-Hawkins	73105	06/22/15	120.00
			ACCOUNT TOTAL:			120.00
02-02-63-9000	BUSINESS EXPENSES					
	VIL OF LINCOLNSHIRE-PETTY CASH	L1155	SHIP WATER SAMPLES- WENDY	73077	06/22/15	14.64
			ACCOUNT TOTAL:			14.64
			WATER & SEWER FUND			135,735.63

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

RETIREMENT FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
06-01-61-4004	PROF SERV- FLEX ADMINISTRATION PROFESSIONAL BENEFIT ADMIN INC	P1141	JUNE RECORD KEEPING	73091	06/22/15	200.00
			ACCOUNT TOTAL:			200.00
			RETIREMENT FUND			200.00

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

WATER & SEWER IMPROVEMENT FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
07-01-81-5001	AUTOMATED METER READ SYSTEM					
	MIDWEST METER INC	M1075	M-25 gal meter remotes	D000106	06/22/15	12,456.00
	MIDWEST METER INC	M1075	Freight	D000106	06/22/15	47.52

					ACCOUNT TOTAL:	12,503.52

					WATER & SEWER IMPROVEMENT FUND	12,503.52
						=====

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

FRAUD-ALCOHOL-DRUG ENFORC FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
11-05-63-8100	FRAUD FORFEITURE EXP ELINEUP LLC	E1664	Illinois PBA eLineup Software	73051	06/22/15	375.00
			ACCOUNT TOTAL:			375.00
			FRAUD-ALCOHOL-DRUG ENFORC FUND			375.00

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

PAGE: 18

VEHICLE MAINTENANCE FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
12-01-61-8701	MEDICAL PREMIUMS- HEALTH NORTH SUBURBAN EMPLOYEE	N0600	MEDICAL PREMIUMS- HEALTH	73086	06/22/15	1,817.15
			ACCOUNT TOTAL:			1,817.15
12-01-61-8800	PROPERTY/LIABILITY INS MESIROW INSURANCE SERVICES	M1328	Public Officials-Trustee&Treas	73084	06/22/15	12.00
			ACCOUNT TOTAL:			12.00
12-01-61-9014	CONT SVC- EQUIP RENTAL AIRGAS, INC	A0866	Cylinder rental	73026	06/22/15	192.03
			ACCOUNT TOTAL:			192.03
12-01-61-9020	CONT SVC- DEALER REPAIRS BONNELL INDUSTRIES INC. ERNIE'S WRECKER SERVICE, INC.	B1182 E0217	Repairs to #246 SS tank Tow charge for #254	D000101 73050	06/22/15 06/22/15	361.63 300.00
			ACCOUNT TOTAL:			661.63
12-01-62-3067	MAINT MAT- PARTS AMERICAN WELDING & GAS LAWSON PRODUCTS INC NAPA-SHERIDAN AUTO PARTS	A1022 L1087 N1423	Welding & pressure cutter tips Lube, sealant, washers Wrench for swr flush part	73027 73074 73089	06/22/15 06/22/15 06/22/15	90.11 423.26 72.03
			ACCOUNT TOTAL:			585.40
12-01-62-5002	GAS VIL OF LINCOLNSHIRE-PETTY CASH	L1155	FUEL FOR #232 - BRUCATO	73077	06/22/15	33.59
			ACCOUNT TOTAL:			33.59
12-01-62-5006	PARTS ARLINGTON HEIGHTS FORD W. W. GRAINGER, INC INTERSTATE ALL BATTERY CENTER LIBERTYVILLE CHEVROLET LIBERTYVILLE CHEVROLET RUSH TRUCK CENTERS VERMEER- ILLINOIS, INC.	A0702 G0723 I1205 L2305 L2305 R1266 V1344	Blower motor register-#101 Utility trailer light OMC generator battery Air heater for #251 Air bag for #244 Brake pads for #251 Chipper part	73025 73055 73068 73080 73080 73095 73107	06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15 06/22/15	90.78 50.70 154.95 8.95 33.20 154.62 15.04
			ACCOUNT TOTAL:			508.24
12-01-62-5007	TIRES					

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

VEHICLE MAINTENANCE FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
12-01-62-5007	TIRES POMP'S TIRE SERVICE INC. POMP'S TIRE SERVICE INC.	P1445 P1445	Tire repairs Tires for flusher trailer	73092 73092	06/22/15 06/22/15	233.50 186.00
			ACCOUNT TOTAL:			419.50
12-01-63-4000	PUBLICATIONS ALLDATA DAVID F. VANDERPLOW	A0675 D1057	Subscription renewal Motor heavy truck sftwr subscr	73024 73046	06/22/15 06/22/15	1,500.00 1,000.00
			ACCOUNT TOTAL:			2,500.00
			VEHICLE MAINTENANCE FUND			6,729.54

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

E911 FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
17-01-61-1004	EQ MAINT- 911 TELE SYS A T & T	A0468	911 Wireless May 28-Jun. 27	73023	06/22/15	39.74
			ACCOUNT TOTAL:			39.74
17-01-61-4029	PROF SERV- DISPATCH SERVICES VILLAGE OF VERNON HILLS	V1622	June 2015 Dispatch Service	73108	06/22/15	23,374.16
			ACCOUNT TOTAL:			23,374.16
			E911 FUND			23,413.90

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

SSA SEDGEBROOK FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
20-01-61-4000	PROFESSIONAL SERVICES MUNICIPAL INC	M1420	April activity	D000108	06/22/15	33.75
				ACCOUNT TOTAL:		33.75
				SSA SEDGEBROOK FUND		33.75

DATE: 06/16/15
 TIME: 11:40:33
 ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
 PAID INVOICES BY ACCOUNT NUMBER

GENERAL CAPITAL FUND
 ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT
51-05-80-3008	EQUIP- VEH RETROFITS LUND INDUSTRIES	L1121	Strip Emer. Lighting Equip #82	73076	06/22/15	300.00
			ACCOUNT TOTAL:			300.00
51-05-80-3009	EQUIP- IN-CAR VIDEO LUND INDUSTRIES LUND INDUSTRIES LUND INDUSTRIES	L1121 L1121 L1121	Install In-Car Camera System Install In-Car Camera System Install In-Car Camera System	73076 73076 73076	06/22/15 06/22/15 06/22/15	425.00 425.00 425.00
			ACCOUNT TOTAL:			1,275.00
51-21-80-3266	EMERGENCY RESPONSE TRAILER ADAMS ENTERPRISES, INC.	A1113	Emergency response trailer	73028	06/22/15	12,529.00
			ACCOUNT TOTAL:			12,529.00
51-21-88-5015	INFRA- LONDONDERRY LN CHRISTOPHER B BURKE CHICAGOLAND PAVING	B1750 C1358	Const observation to 5-30-15 Lond-Ln const thru 5-19-15	D000103 73041	06/22/15 06/22/15	2,122.00 31,972.65
			ACCOUNT TOTAL:			34,094.65
51-22-80-5023	INFR- CORIDR ENH PRG- RT22 MED GEWALT HAMILTON ASSOCIATES	G1107	ITEP Rt22 Medial Impr	73056	06/22/15	2,127.00
			ACCOUNT TOTAL:			2,127.00
51-22-86-1901	POCKET PARK (CONST & ENG) CHRISTOPHER B BURKE	B1750	Permitting, plans, specs	D000103	06/22/15	8,226.83
			ACCOUNT TOTAL:			8,226.83
51-25-80-4012	PWF AIR CONDITIONER REPLACE HAYES MECHANICAL LLC HAYES MECHANICAL LLC	H1631 H1631	PWF air conditioner replacemnt PWF air conditioner replacemnt	73064 73064	06/22/15 06/22/15	5,526.27 8,796.00
			ACCOUNT TOTAL:			14,322.27
51-25-86-2700	SPRING LK PAV DOOR REPLACE ANDERSON LOCK	A2955	4 doors, frames, hardware SLP	73031	06/22/15	8,942.04
			ACCOUNT TOTAL:			8,942.04

DATE: 06/16/15
TIME: 11:40:33
ID: AP4A0000.WOW

-- VILLAGE OF LINCOLNSHIRE --
PAID INVOICES BY ACCOUNT NUMBER

GENERAL CAPITAL FUND
ACTIVITY FROM 06/09/2015 TO 06/22/2015

ACCOUNT #	ACCOUNT DESCRIPTION VENDOR NAME	VENDOR #	TRANSACTION DESCRIPTION	CHECK #	CHECK DATE	ITEM AMOUNT

			GENERAL CAPITAL FUND			81,816.79 =====

**REQUEST FOR BOARD ACTION
Village Board
June 22, 2015**

Subject:	Text Amendments to Landscaping regulations
Action Requested:	Approval of an Ordinance amending Chapter 2 of Title 13, Landscaping, of the Lincolnshire Village Code to update the Village's landscaping regulations
Originated By/Contact:	Stephen Robles, Village Planner Department of Community & Economic Development
Referred To:	Architectural Review Board

Background:

- At the June 8th Board meeting, the Village Board directed this item be placed on the Regular Village Board agenda for Staff to research comparable communities regarding minimum tree planting requirements for single-family residential lots (see "Problem 5" summary below).

Project Summary:

Following, is a summary of the previously-presented problem and additional information requested by the Village Board:

- (Original) Problem 5:** There are currently no regulations requiring a basic level of landscaping for lots with new residential homes.

(Original) Solution 5: The ARB previously supported the concept requiring a minimum level of landscaping/plantings for new single-family residential home construction. Staff developed the table below to identify the quantity, distribution, and tree type for a single-family residential lot (only applicable to new home construction):

Yard	Minimum Number of Trees*	Size at Planting
Front Side Corner Side	2 (1 tree shall be located in Front Yard)	2.5" DBH non-evergreen tree or 8' evergreen tree
Rear	2	2.5" DBH non-evergreen tree and 8' evergreen tree

* Existing vegetation located within dedicated Conservancy Easements/Areas shall not be used to achieve compliance with the above requirements.

- On June 8, 2015, the Board discussed increasing the minimum tree planting requirements in the draft ordinance and directed Staff to research similar requirements of comparable communities. The results of this research are summarized in the following table (*please see attached Single-Family Landscape Summary Sheet for specific community requirements*):

Community	Min Requirements for Single-Family Residential	Summary of Regulations
Lake Forest	Yes	<ul style="list-style-type: none"> • 2, 3" shade trees per 100 linear feet of foundation, front and corner side yard • 3, 3" understory or ornamental trees per 100 linear feet of foundation, front & corner side yards • 3, 6-8' evergreen trees per 100 linear feet of foundation, front & side yards • No rear yard requirement
Bannockburn	Yes	40-50% opacity requirement when adjoining residential, with minimum width and ratio of plantings required, and options of planting types
Northbrook	None	
Highland Park	None	
Winnetka	None	

Both Lake Forest and Bannockburn examples are more cumbersome in determining compliancy than envisioned by Staff. Lake Forest determines minimum tree plantings based on linear footage of a home's foundation for front, side and corner side yards; no rear yard tree plantings are required. Bannockburn determines minimum tree plantings by level of opacity determined by adjoining land use. Based on the level of opacity, the width of the planting area and ratio of "plant units" is determined. Plant materials are then selected from 5 pre-defined options.

Both communities' planting requirements were applied to a lot within ForestView Subdivision to illustrate how the regulations would function in Lincolnshire (although ForestView was a forested site prior to subdivision, it is a recent development familiar to the Board), see attached Single-Family Landscape Summary Sheet for illustrations. With the ForestView Subdivision example, if the site was absent of woodland areas, only parkway trees would be required by the existing Landscape Code.

If the Board seeks to increase the minimum number of trees per single-family lot, the following may be appropriate based on the varying lot sizes in the Village:

Yard	Minimum Number of Trees*	Size at Planting
Front & Corner Side	3	2.5" DBH non-evergreen tree or 8' tall evergreen tree
Side	1	2.5" DBH non-evergreen tree or 8' tall evergreen tree
Rear	3	2.5" DBH non-evergreen tree or 8' tall evergreen tree

* Unless the location, size, and vegetation coverage is deemed by the Village to accomplish the above requirements, vegetation located within dedicated Conservancy Easements and/or Areas shall not be used to achieve compliance with the above requirements.

Recommendation:

Approval of text amendments to Chapter 2 of Title 13 of the Lincolnshire Village Code to update the Village's landscaping regulations.

Reports and Documents Attached:

- Draft Ordinance and Code Revisions, prepared by Village Attorney Simon and Staff.
- Single-Family Landscape Summary Sheet, prepared by Staff.
- Staff Memorandum of the June 8th Committee of the Whole.

Meeting History	
Preliminary Evaluation (COW)	June 23, 2014
ARB Discussion	September 16, 2014
ARB Discussion (Tabled)	January 20, 2015
ARB Discussion (Tabled)	February 17, 2015
ARB Discussion	April 21, 2015
COW Discussion	May 11, 2015
COW Discussion	June 6, 2015
Current COW Discussion	June 22, 2015

VILLAGE OF LINCOLNSHIRE

ORDINANCE NO. _____

**AN ORDINANCE AMENDING
TITLE 13 (TREE PRESERVATION AND LANDSCAPING),
CHAPTER 2 (LANDSCAPING)
OF THE VILLAGE OF LINCOLNSHIRE MUNICIPAL CODE**

WHEREAS, the Village of Lincolnshire, an Illinois home rule municipal corporation, has the authority to adopt ordinances and promulgate rules and regulations that pertain to its government and affairs, including the coordination and operation of various activities and structures within its boundaries, and to protect the public health, safety, and welfare of its citizens; and

WHEREAS, the Corporate Authorities of the Village of Lincolnshire find it necessary for the promotion and preservation of the public health, safety and welfare of the Village that the regulation of landscaping be reviewed for functionality, enhancement of the landscape environment, and the interaction of landscape aesthetics with the economic tax base;

WHEREAS, the Board of Trustees referred to the Architectural Review Board (“ARB”) a petition to research, consider and prepare proposed text amendments to the Landscaping Code to clarify and amend the regulation of landscaping; and

WHEREAS, consideration of the draft code revisions by the ARB commenced at the September 16, 2014 meeting of ARB, continued from time to time and finally completed on April 21, 2015, with two recommended revisions that have been incorporated in the Code adopted hereby; and

WHEREAS, following deliberation and consideration on the evidence and testimony elicited during the public meeting and the recommendation of the ARB, the Village Board desires for the Village Code to be amended as proposed by Staff and the ARB to improve the Village Code regulations affecting landscaping; and

WHEREAS, the Village hereby finds that it is in the best interest of the Village and the public to amend its Village Code to promote the economic health and welfare of the Village.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Board of Trustees of the Village Of Lincolnshire, Lake County, Illinois, in exercise of its home rule powers, as follows:

SECTION ONE: The facts and statements contained in the preambles to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance as though fully set forth herein.

SECTION TWO: Title 13 of the Village of Lincolnshire Municipal Code (“Tree Preservation & Landscaping”) is hereby amended by repealing Chapter 2 (Landscaping) in its entirety and replacing it with a new Chapter 2 in the form described in **Exhibit A**, attached hereto and incorporated as though fully set forth herein.

SECTION THREE: Section 7-1-4 of Title 7 of the Village of Lincolnshire Municipal Code (“Definitions”) is hereby amended by revising the definition of “Improvement” to as follows:

IMPROVEMENT: Any ~~facility~~ improvement for which the Village or other municipal body may ultimately accept a dedication or bill of sale and assume the responsibility for maintenance and operation, including but not limited to the following: streets, sanitary sewers, water mains, storm sewers, street lighting, or which is constructed for general public use or benefit, including the landscaping required by Title 13, Chapter 2.

SECTION FOUR: Section 13-1-9 of Chapter 1 of the Village of Lincolnshire Municipal Code (“Special Rules for Conservancy Area Restoration”) is hereby amended to reference new Appendix B in the form described in **Exhibit B**, attached hereto, as follows:

A. Restoration of designated “Conservancy Areas” damaged, whether during construction or after occupancy, shall comply with the minimum requirements outlined in Appendix B of this Chapter.

~~A. B.~~ Deposit: No further change.

~~B. C.~~ Purpose of Deposit:

The purpose of the deposit is to pay for:

1. The restoration of Conservancy Areas damaged directly or indirectly as a result of the construction process, in accordance with the “Conservancy Area Restoration Guide Requirements” contained in Appendix ~~III~~ B of this ~~Title-Chapter~~.
2. No further change.
3. No further Change.

~~C. D.~~ Refunding of Deposit: No further change.

SECTION FIVE: If any section, subsection, sentence, clause, phrase or application of this Ordinance, or any regulations adopted hereby, is for any reason held invalid or unconstitutional by any court of competent jurisdiction, either facially or as applied, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof or any other application under which such provision is deemed permitted.

SECTION FOUR: All prior Ordinances in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

SECTION FIVE: This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

SO ORDAINED this _____th Day of _____, 2015, at Lincolnshire,
Lake County, Illinois.

AYES:

NAYS:

ABSENT:

APPROVED:

Elizabeth J. Brandt, Mayor

DATE: _____

ATTEST:

Barbara Mastandrea, Village Clerk

EXHIBIT A
TITLE 13, CHAPTER 2
LANDSCAPING

[Attached]

TITLE: 13

CHAPTER 2: Landscaping

Sections:

- 13-2-1: Purpose
- 13-2-2: General Requirements
- 13-2-3: Replacement Requirements
- 13-2-4: Landscape Screening Requirements
- 13-2-5: Single-Family Residential Requirements
- 13-2-6: All Other Property Requirements
- 13-2-7: Public Right-Of-Way Requirements
- 13-2-8: Stormwater Facilities Requirements
- 13-2-9: Penalties
- 13-2-10: Appendices

13-2-1: Purpose

This Landscaping Code is adopted for the following purposes:

- A. Promote and maintain the high quality visual appearance and environmental benefits throughout the year through landscaping and preservation of native vegetation.
- B. Encourage and promote the implementation of best management practices to minimize erosion and stormwater runoff in a manner which provides functionality and visual appeal.
- C. Enhance the visual and environmental character of the Village's built environment through the utilization of conscientious landscape design.

13-2-2: General Requirements

- A. Installation: Installation methods of landscape plantings shall conform to the specifications of the approved landscape plan and industry standard installation practices appropriate for each type of planting.
- B. Maintenance: To ensure the health and vitality of landscape plantings, maintenance of insect and disease control, mulching, pruning, fertilization, weed control, and watering consistent with good forestry practices shall be performed, as needed, by the property owner.
- C. Inspections: Landscape plantings required by this Chapter will be inspected periodically by the Village to ensure compliance. For any plantings which require replacement, the property owner shall be notified of the requirement for replacement to be completed within sixty (60) days from receipt of notice or during the next available planting season, as determined by the Village. If the property owner fails to replace required plantings within the established time frame, a fine shall be rendered in accordance with the Comprehensive Fine Schedule, Chapter 17, of Title 1 of this Code.

13-2-3: Replacement

- A. Region Wide Infestation: Landscape planting replacements due to region wide infestation or disease shall be replaced with an appropriate species in recognition of shape, form, and seasonal interest of the infested or diseased planting to which it's replacing, subject to the requirements of Chapter 1 of this Title.
- B. Non-Single-Family Residential Property: Replacement of existing landscape plantings for all non-single-family residentially zoned lots shall be subject to the following:
1. Landscape Replacement Plan: Prior to the removal of any existing landscape plantings, authorization from the Village must be obtained, which shall be subject to the requirements of Chapter 1 of this Title. A Landscape Replacement Plan shall be submitted identifying the following:
 - a. Location, species, existing condition, and size for each planting to be removed.
 - b. Location, species, quantity, and size for each replacement planting to be installed.
 2. Replacement Criteria: Landscaping replacements shall be subject to the following:
 - a. Replacement plantings shall be not less than the size specified on the approved landscape plan. If no approved landscape plan is available, single stem trees shall be not less than 2.5" DBH, clump and evergreen varieties shall be not less than 8 feet in height.
 - b. Evergreen trees shall be replaced with evergreen trees and deciduous trees shall be replaced with deciduous trees.
 - c. The replacement plan may be implemented over a period of time not to exceed three (3) years.
 - d. Any tree identified on an approved landscaping plan which existed on the property prior to development and has been preserved, as determined by the Village, may be removed to observe good forestry practices subject to Section 13-1-3(D) and 13-1-3(K) of this Title, except any tree which is dead or irreversibly declining due to natural circumstances does not require replacement.
 - e. If the plantings to be removed are considered to be a hazard to life and/or property, the specific plantings shall be flagged and verbal authorization by the Village Arborist for removal may be granted, which shall be conditioned upon the submittal of a Tree Removal Permit, if applicable, and Landscape Replacement Plan identified in 13-2-3(B)(1) submitted within thirty (30) days of the authorization for removal.

13-2-4: Landscape Screening

The intent of landscaping as screening is to provide a visual barrier to certain elements of a site which may be considered unattractive or monotonous including the following:

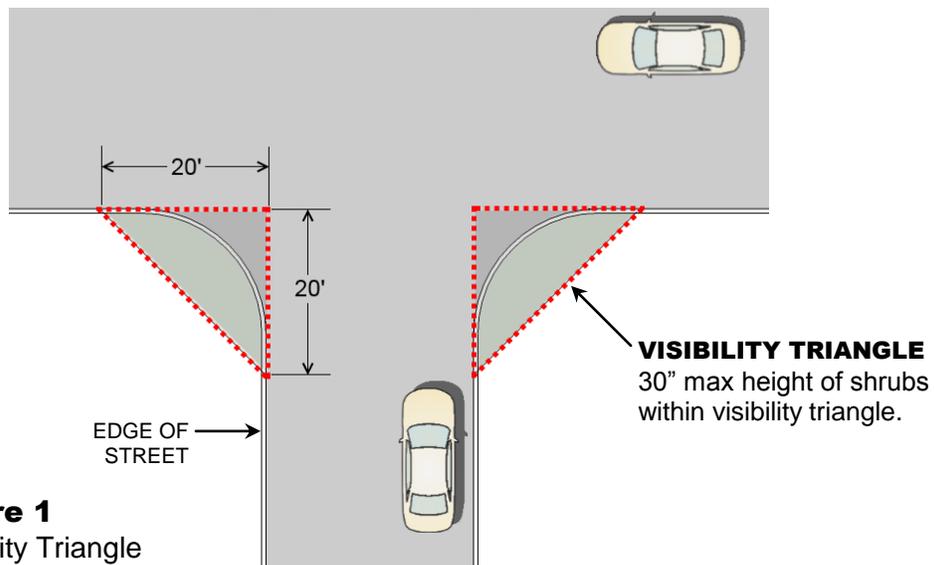
- A. Building Walls: Plantings of deciduous and evergreen species shall be planted to interrupt the view of large expanses of building walls which do not contain a primary architectural

element. A natural planting arrangement should be used whenever possible.

B. Ground-Mounted Equipment: Screening of ground-mounted equipment and utilities shall be screened in accordance with Section 6-15-3(B) of Title 6 of this Code.

C. Parking Lots:

1. Landscaping installed within the visibility triangle (see Figure 1) shall maintain proper sight lines and not obstruct light fixtures. Shrubs shall not exceed a maximum mature height of thirty inches (30") above existing grade.



2. Accommodations shall be made for the storage of snow from all parking and loading facilities. Snow storage within landscaped areas should be avoided to prevent damage to plant material.
3. Hardy, salt tolerant plantings within parking lot facilities and parking lot islands should be used, see Salt Tolerant Landscape Plants in Appendix 1.
4. Residential Zoning Districts: Parking lots containing more than three (3) parking spaces shall be screened for each side visible from the public way by densely planted shrubs or small trees not less than four (4) feet in height covering at least (75%) of the linear length of the lot. Plantings shall incorporate diverse mixture of plant types, including evergreen species. No plantings shall be permitted at any street intersection which obstructs the visibility triangle.
5. Non-Residential Zoning Districts:
 - a. A minimum of 50% of linear length of parking facilities visible from the public way shall be screened by a diversity of shrubs and trees as follows:

Type	Min. Number of Species	Size at Planting
Shrubs	1 deciduous + 1 evergreen	3 ft. in height
Trees	2	2.5" DBH

- b. A minimum eight (8) foot landscape planting area shall be required between all building façades and any parking area or circulation drive (See Figure 2), which shall include a mixture of trees, shrubs and grasses (native and non-native) at a minimum of three (3) species. The screening requirement identified in 13-2-4(A) above shall be applied towards the minimum planting species requirement.

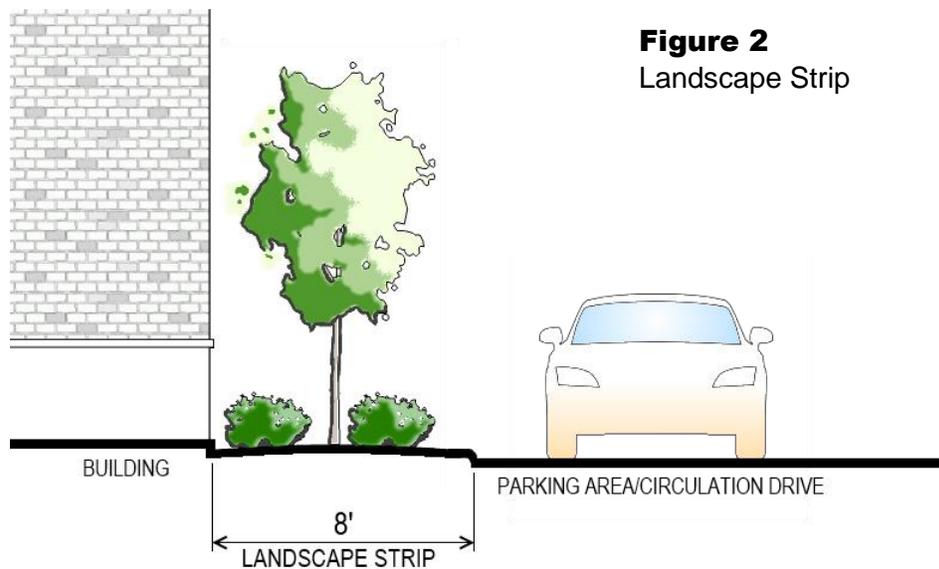


Figure 2
Landscape Strip

6. Parking Lot Islands (all Districts):

- a. A minimum of one (1) deciduous shade tree at two and a half (2.5) inch DBH shall be planted in every parking lot island. This requirement shall not apply if bio-retention areas are used in parking lot islands for the implementation of stormwater best management practice (BMP) techniques, which shall require native and non-native species suitable for use in bio-retention areas.
 - b. Under story shrubs, perennials, and other plant materials, including native species, shall be planted to supplement the tree plantings.
- D. Non-Residential Fencing: Fences taller than four (4) feet in height shall be screened with landscaping plant material to reduce the visual appearance from the public way with densely planted shrubs or small trees not less than four (4) feet in height and shall incorporate diverse mixture of plant types, including evergreen species..

13-2-5: Single-Family Residential Requirements

A. Required Landscaping: Single-family residential lots constructed after the adoption of this Title shall include the following plantings prior to the issuance of a Certificate of Occupancy. Single-family residential lots constructed prior to the adoption of this Title including structural additions and tear-downs shall be exempt from this requirement:

Yard	Minimum Number of Trees*	Size at Planting
Front Side Corner Side	2 (1 tree shall be located in Front Yard)	2.5" DBH non-evergreen tree or 8' evergreen tree
Rear	2	2.5" DBH non-evergreen tree and 8' evergreen tree

* Existing vegetation located within dedicated Conservancy Easements/Areas shall not be used to achieve compliance with the above requirements.

B. Permit: A Village permit must be obtained prior to the start of any landscape improvements which involve excavation, trenching, or placement of additional soil and/or hardscape materials within the rooting zone of trees, or which affect drainage patterns on the premises or adjacent properties.

C. Single-Family Residential Subdivisions

1. Tree Inventory Survey: All trees measuring six (6) inch DBH or greater existing on a property prior to construction shall be identified. The Tree Inventory Survey shall include the following information:
 - a. Existing property line boundaries of each parcel to be included in the subdivision and the boundary lines of the proposed subdivision.
 - b. All trees measuring six (6) inch DBH or greater to be removed shall be identified with an "X" or similar notation.
 - c. Tree inventory data chart containing the inventory/identification number of each existing tree measuring six (6) inch DBH or greater, common and scientific name, DBH (in inches), condition, and save/removal status of each inventoried tree.
 - d. Proposed subdivision improvements, including but not limited to, roadways, walks, building footprints, parking facilities, and driveways shall be illustrated.
 - e. Location of all proposed utility lines.
2. Landscape Plan: A landscape plan for the subdivision improvements must be submitted which contains the following information:
 - a. Parkway Trees: One (1) two and a half inch (2 ½") deciduous shade tree or ornamental tree must be planted for every 40 lineal feet of the street. Trees shall provide a minimum of twenty-five (25) feet separation. All remaining open areas

of the right-of-way shall be seeded or sodded in accordance with the Village of Lincolnshire Open Space Landscaping Standards, pursuant to Section 7-5-7 of Title 7 of this Code (Appendix 3).

- b. Ground-Mounted Equipment Screening: All ground-mounted mechanical equipment shall be screened in accordance with Section 6-15-3(B) of Title 6 of this Code.
 - c. Stormwater Facilities Landscaping: Landscaping for stormwater facilities, if required, shall be provided in accordance with Section 13-2-8 herein.
 - d. Cul-de-Sac Landscaping: Planting of trees and shrubs are permissible in cul-de-sacs, provided traffic sight lines are not obstructed. Prior to installation, a landscape plan shall be submitted and approved by the Department of Public Works and include identification and quantity of plant material, the location of the curb or edge of pavement, and any easements within the cul-de-sac.
 - e. Location of all proposed utility facilities.
3. To ensure compliance with this Section, the Landscape Improvement Deposit in accordance with Section 7-1-6 of this Code shall be held for maintaining the landscape improvements for a period of three (3) years after acceptance. At the conclusion of the three (3) year maintenance period, any items not conducted in accordance with this Section, the Village shall draw from the Deposit to employ the services of a qualified consultant to ensure compliance, and for the time and labor required to achieve compliance.

13-2-6: All Other Property Requirements:

For all property other than single-family residential, the following shall apply:

- A. Plant Material and Density: Each landscape plan shall include a mixture of evergreen and deciduous trees, shrubs (native and non-native), grasses, and perennials plantings at a minimum of two to three (2-3) species each. The proper selection and placement of plant material is important for function as well as aesthetics, including variation in plant species and size.
 1. Spacing of tree species shall not exceed fourteen (14) feet on center (O.C.).
 2. Shrubs with a mature height less than three (3) feet shall be planted four (4) feet O.C. Shrubs with a mature height greater than three (3) feet shall be planted six (6) feet O.C.
 3. All planting areas are to be mulched with organic hardwood mulch or equivalent. Colored mulches and stone shall not be permitted.
 4. Areas which abut a public right-of-way must be sodded or established as native prairie areas, exclusive of parking lots, building pads, water features, or landscape beds.
 5. The minimum number of trees per acre of remaining green space (parcel of land excluding parking lots, building pads, water features and other hard surfaces) shall be planted in accordance with the following table. The distribution of tree species may be

altered to achieve the desired landscaping effect based on site conditions and surrounding land uses, provided that the total number of trees shall not be reduced.

Type	Size (at planting)	Trees/Acre
Deciduous Shade Trees	2 ½" – 4" (DBH)	6
	4 ½" + (DBH)	6
Ornamental Trees	6' - 8' (height)	4
	8 ½' + (height)	4
Evergreen Trees	8' (height)	5
	10' + (height)	5

6. All landscape plantings installed within any easement(s) shall be the responsibility of the property owner to maintain and replace any plantings damaged or destroyed as a result of activity associated with such easement(s).

B. Landscape Plan Requirements:

1. Tree Inventory Survey: All trees measuring six (6) inch DBH or greater existing on a property prior to construction shall be identified. The Tree Inventory Survey shall include the following information:
 - a. Existing property line boundaries of each parcel to be included in the subdivision and the boundary lines of the proposed subdivision.
 - b. All trees measuring six (6) inch DBH or greater to be removed shall be identified with an "X" or similar notation.
 - c. Tree inventory data chart containing the inventory/identification number of each existing tree measuring six (6) inch DBH or greater, common and scientific name, DBH (in inches), condition, and save/removal status of each inventoried tree.
 - d. Proposed site improvements, including but not limited to, roadways, walks, building footprints, parking facilities, and driveways shall be illustrated.
 - e. Location of all proposed utility lines.
2. Landscape plans must be prepared and sealed by a licensed landscape architect in the State of Illinois. This requirement may be waived upon the demonstration the designer/landscaper has expertise equaling that of a licensed professional.
3. A site data chart must be included on every Landscape Plan submitted and shall contain the following information:
 - a. Total area (square feet) of entire site.
 - b. Total area (square feet) of impervious surfaces by category (drives, walks, buildings, water features) for the overall site.

- c. Total area (square feet) of open (pervious) space for the overall site.
 - d. A landscape planting chart containing the following information:
 - i. Common and Scientific name of each plant material.
 - ii. Size of each plant material at time of planting.
 - iii. Quantity of each plant material.
 - iv. Period of flowering for all applicable annuals, perennials and ornamental trees.
 - 4. An installation specification detail illustrating the method(s) for installation for woody plants, herbaceous plants, and seeding shall be included.
 - 5. Stormwater Facilities Landscaping: Landscaping for stormwater detention facilities, if required, shall be provided in accordance with Section 13-2-6(A) herein.
- C. Transitional Yards: Where a side and/or rear yard abuts any residential zoning district, excluding the R5 District, transitional yard landscaping or fence screening a minimum of seventy-five percent (75%) opacity shall be provided along such transitional yards.

13-2-7: Public Right-of-Ways Requirements

Landscape material planted in the right-of-way dedicated to the Village of Lincolnshire shall conform to the following standards:

- A. Shrubs must provide a maximum mature height of thirty inches (30") above existing grade.
- B. Trees must provide a minimum mature height of twenty feet (20') and located so that any branches over the street are a minimum fourteen feet (14') above the ground. Tree species used must be taken from the following list:

Scientific Name	Common Name
Acer Nigrum	Black maple
Acer rubrum	Red maple (non freemanii species)
Acer saccharum	Sugar maple
Acer triflorum	Three-flowered maple
Carpinus caroliniana	American hornbeam, Ironwood, Musclewood
Carya cordiformis	Bitternut hickory
Carya ovata	Shagbark hickory
Celtis occidentalis	Hackberry
Cladrastis lutea	Yellowwood
Corylus colurna	Turkish filbert
Ginkgo biloba	Ginkgo (male only)
Gleditsia triacanthos var. Inermis	Thornless honeylocust
Gymnocladus dioecus	Kentucky coffeetree
Liquidambar styraciflua	Sweetgum
Liriodendron tulipifera	Tulip tree
Nyssa sylvatica	Black tupelo
Ostraya virginiana	American Hophornbeam
Platanus x acerifolia	London planetree

Platanus occidentalis	Sycamore
Quercus alba	White oak
Quercus imbricaria	Shingle oak
Quercus macrocarpa	Bur oak
Quercus robur	English oak
Quercus rubra	Red oak
Tilia Americana	Linden
Tilia cordata	Littleleaf linden

- C. No tree shall be planted under or within ten lateral feet (10') of any overhead utility line at their mature size. Trees and shrubs planted over or within five lateral feet (5') of any underground water, sewer, or main transmission utility line should be avoided (see Figure 3). Prior to installation, a landscape plan shall be submitted and approved by the Department of Public Works, which shall include identification of the location and quantity of plant material and the location of all underground utilities.

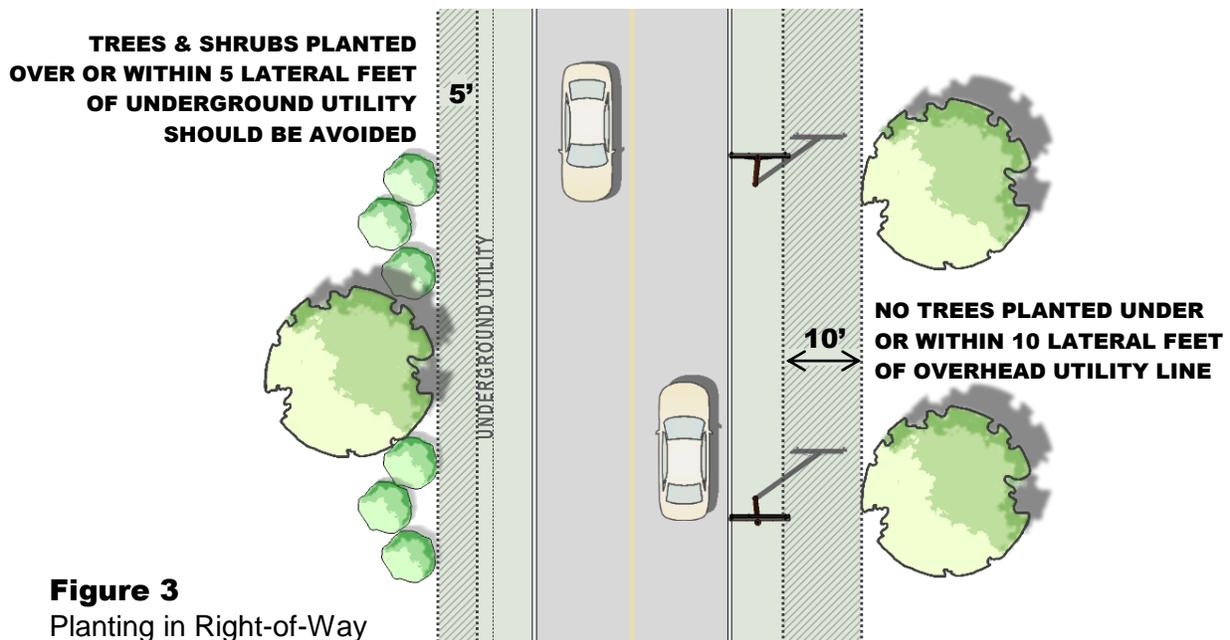


Figure 3
Planting in Right-of-Way

- D. At time of planting, all trees and shrubs shall be located a minimum of five feet (5') from the back of curb or edge of pavement to the center line of the tree/shrub.
- E. Planting of trees and shrubs are permissible in cul-de-sacs, provided traffic sight lines are not obstructed. Prior to installation, a landscape plan shall be submitted and approved by the Department of Public Works and include identification and quantity of plant material, the location of the curb or edge of pavement, easements, and utilities within the cul-de-sac.
- F. The maintenance of the trees, shrubs, and lawn planted in the right-of-way contiguous with the adjacent property is the responsibility of the property owner.
- G. To ensure compliance with this Section, the Landscape Improvement Deposit in accordance with Section 7-1-6 of this Code shall be held for maintaining the landscape improvements for a period of three (3) years after acceptance. At the conclusion of the three (3) year

maintenance period, any items not conducted in accordance with this Section, the Village shall draw from the Deposit to employ the services of a qualified consultant to ensure compliance, and for the time and labor required to achieve compliance.

13-2-8: Landscape Requirements for Stormwater Facilities

The purpose of this section is to ensure stormwater facilities within the Village are designed, constructed, and maintained in a manner which provides the highest level functionality as well as visual appeal. Any development which requires stormwater facilities, as determined by the Lake County Stormwater Management Commission (SMC), shall be subject to the following requirements:

A. General Requirements:

1. Shape: Stormwater facilities shall be designed to reflect a non-uniform, organic shape.
2. Shoreline Slopes: The shoreline banks of stormwater facilities shall be no steeper than 5:1 (from approximately 1 foot above to 1 foot below normal waterline) to prevent erosion and facilitate native plant establishment. Basins and other natural drainage facilities shall be required to have native dry-mesic and wet-mesic plants planted along the entire expanse of a detention pond's side slope.
3. Safety Shelf: For wet-bottom detention basins, a flat (or significantly flat) safety shelf must be constructed approximately eighteen (18) inches below normal water level, around the full perimeter of the basin. The safety shelf shall be a minimum of five (5) feet in width, and shall be planted with native emergent plant plugs.
4. Bank Erosion Protection: The shoreline of stormwater facilities shall be protected from erosion through establishment of deep-rooted, prairie and wetland perennial plants native to the Great Lakes region. Native prairie and wetland plants shall cover the complete shorelines, extending around the full perimeter of the stormwater facility. The native plant slope for basins shall have a minimum width from waterline of fifteen (15) feet.
5. Seed Mixes and Planting Lists: The landscape plan shall identify each species proposed, which shall consist entirely of native plants for all seed mixes and plant plugs to be used. Separate seed mixes shall be provided for planting on the upper (dry-mesic) and lower (wet-mesic) portions of the shoreline slope. The plant plug list shall be divided into three categories: dry-mesic, wet-mesic, and emergent plants. Each category shall contain a minimum of ten (10) species of native plants suited to the given environment.
6. Guarantees: All seeded and planted areas shall be guaranteed through the Maintenance Period and all performance criteria have been satisfied.

B. Plan Requirements:

1. Installation Plan: The installation plan shall provide detailed information regarding the specific locations and timing of native landscaping installation.
 - a. Installation: The installation of all native prairie and wetland plants shall be performed by a qualified natural environmental professional consultant. A site

plan shall illustrate the following elements of the native landscaping installation:

- i. Specific planting zones.
 - ii. Plant and seed lists for each planting zone including quantities, seeding rates per species, and spacing of plants.
 - iii. Location and specification of erosion control measures.
 - b. **Site Access:** Access to the site for installation of native plantings shall be identified on the Plan, which shall include necessary access for installation equipment. Additional or alternate access areas not identified must be approved by the Village prior to the start of installation.
 - c. **Installation Schedule:** The schedule shall outline the proposed start and ending for site access preparation, planting area preparation and stabilization, and planting and seeding for each planting zone. Installation shall occur in the first available growing season after the grading of the pond is substantially completed and the pond is operational. Installation shall take place between May 1 and June 15 or after October 1 until the ground is frozen. Seeding shall not be performed from June 16 through September 30, unless authorized by the Village.
 - d. **Erosion Control:** Clean, seed-free hay or threshed straw of wheat, oats or barley shall be used for slopes less than 6:1. Straw mat or other appropriate erosion control blanket shall be used on all areas seeded or plugged for slopes steeper than 6:1. Synthetic net blankets shall not be used. The mat shall be affixed to the ground surface by mechanical crimping or other method approved by the Village.
 - e. **Establishment:** The installation plan shall provide specific information regarding activities to be performed to ensure establishment of the native prairie and wetland plants, including but not limited to, cover crops/erosion blankets, watering schedule, herbicide schedule, controlled burn/mowing frequency, and seed/plant depredation (wildlife grazing) control.
 - f. **Criteria for Successful Installation and Establishment:** Prior to the Village's acceptance of any stormwater detention facility, a status report shall be prepared by a qualified natural environment professional demonstrating the criteria for establishment of native plant landscaping conforms with requirements of this Section 6-2-8 herein.
 - g. **Installation Conditions:** All grades, soils, and water levels shall be examined and observed conditions shall comply with the specifications of the Installation Plan prior to the start of any work. If unsatisfactory conditions exist, the Village shall be notified and a written report of corrective action of unsatisfactory conditions shall be submitted to the Village. Work shall not proceed until authorization is provided by the Village.
2. **Maintenance and Monitoring Plan:** A Maintenance and Monitoring Plan shall be prepared by a qualified natural environment professional to provide the timing and/or frequency of all activities necessary to maintain native plant landscapes. Elements of the Maintenance and Monitoring Plan include but not limited to, controlled burn/mowing, spot herbicide applications/invasive species control, and monthly monitoring reports during the growing season.

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- a. Responsibility: The maintenance and monitoring of native plant landscapes shall be the sole responsibility of the property owner, its successors and assigns.
 - b. Monitoring Period: Vegetation monitoring shall be conducted monthly during the first three (3) growing periods for the months of April, May, June, July, August, September, October and November using the meander search method.
 - c. Status Report: Monitoring Status Reports shall be submitted within two (2) weeks following the monthly monitoring session for each month of the Monitoring Period. The Status Reports shall include the following:
 - i. Percent of vegetation cover throughout the site.
 - ii. Inventory and estimated percent cover of the predominant species present.
 - iii. Inventory and estimated percent cover of the non-native invasive species present.
 - iv. Detailed description(s) of work undertaken during the previous month and recommended management measures for subsequent months.
 - v. Any other site conditions observed, including but not limited to, drainage problems, erosion, wildlife damage, extreme water level fluctuations, damage to the site by equipment, etc. and any remediation required.

C. Native Plant Specifications

1. Native Plants:

- a. Plants, freshly dug tubers and plants shall be provided. Materials which have been in cold storage shall not be used.
- b. All live herbaceous plants shall be potted, two year old nursery grown stock.
- c. All preparations shall be made for the planting of tubers prior to their arrival. Tubers shall be planted immediately once received. If planting is delayed more than four (4) hours after delivery, plants shall be set in shade, protected from weather and mechanical damage, and kept moist.
- d. Container grown stock shall not be removed from containers until time of planting.
- e. Plants shall be free from insects and diseases and must show appearance of normal health and vigor.
- f. Plants species shall be certified to be true to their name and originate within a 150-mile radius of the project location, with species and subspecies native to Lake County, Illinois.
- g. All plant material and collected stock shall comply with State and Federal laws for inspection of plant diseases and insect infestations.

- h. Plants shall be packed to ensure adequate protection against damage while in transit, including being protected with wet material to ensure plants are delivered, stored, and planted in a moist and cool condition.
- i. Planting should not be conducted when conditions are not appropriate.
- j. All emergent herbaceous perennial plants, tubers, bulbs and dormant rootstock shall be installed at a water depth of 0" to 6".
- k. Plants shall be planted to adequate depth to prevent against desiccation.
- l. Plants shall be planted at a minimum density of 3,000 plants per acre. Unless an alternative Installation Plan is submitted and approved by the Village, plants shall be planted in pods or groupings to provide sections of color.
- m. All plants shall be protected from geese and other predators on all sides by 24" high fencing with nylon lines crosshatched across the top of the planting zones. Said fencing shall be maintained at all times and removal may be permitted at least one full growing season after installation.
- n. In areas where herbicide has been applied at least 14 days prior to planting, no planting shall occur. All herbicides shall be applied by a licensed operator under the direction of a licensed applicator.
- o. Any plant or seed species substitutions must be approved the by the Village prior to their planting.

2. Seed Mixtures:

- a. All seed shall have the proper stratification and/or scarification to break seed dormancy other than for fall planting.
- b. Prior to planting, all legumes shall be inoculated with the proper rhizobia at the appropriate time.
- c. All seed shall be packed and covered in a manner to ensure adequate protection against damage and maintain dormancy while in transit, storage or during planting operations.
- d. All seed shall be certified to be true to their name and originate within a 150 mile radius of the project location.
- e. All seed grass species shall be supplied as pure live seed.
- f. All seeded areas shall be protected from geese and other predators on all sides by 24" high fencing with nylon lines crosshatched across the top of the planting zones. Said fencing shall be maintained at all times and removal may be permitted at least one full growing season after installation.
- g. Seeding in zones where water levels exist shall not occur. All seeded areas shall

be protected from water by erosion control mulch or straw mat.

- h. Any seed species substitutions must be approved the by the Village prior to their planting.
- i. The use and species of a cover crop must be approved by the Village prior to their planting, and shall not be annual rye.

D. Installation: Installation of native plantings shall be subject to the following specifications:

1. Qualifications: A qualified superintendent capable of reading and understanding approved plans and specifications, and a thorough knowledge of installation, maintenance practices and management needs shall be on-site during installation.
2. Site Preparation: Prior to installation, the planting area shall include preparing and amending existing soils; furnishing, transporting and installing all seeds plant and other materials; and protecting said materials as required for the repair and restoration of the site.
3. Soil Preparation:
 - a. Top soil shall be fertile, friable, loam surface soil without admixture of subsoil and free of stones, stumps, roots, trash, debris and other materials which might inhibit successful plant growth. Soil aggregates shall not exceed one (1) inch maximum diameter.
 - b. Subsoil should not have a compaction greater than 350 pounds per square inch based on soil penetrometer measurements.
 - c. The pH range shall be 6.5 to 8.4. Topsoil not within this pH range shall be amended through the addition of pH adjusters.
 - d. Organic content shall not be less than 3% and no greater than 10% determined by loss through ignition.
 - e. Soil nutrient content shall be as follows, as determined by appropriate laboratory analysis:

Phosphorus	Min. 75 lb./Ac
Potassium	Min. 300lb./Ac
Calcium	Min. 1,500 ppm
Magnesium	Min. 100 ppm
Cation Exchange Capacity	Min. 20 mea/100g
Soluble Salt	Max. 1,000 ppm

- f. Gradation shall meet the following specification:

Sieve Designation	Percent Passing
1" screen	100
1/4" screen	97 - 100
No. 10 U.S.S.	95 - 100

No. 140 U.S.S.	60 - 90
No. 270 U.S.S.	25 - 50

Clay content determined by Bouyoucous Hydrometer Test shall range between 5% and 20%. Percentages shall be based on dry weight of the sample.

- g. Topsoil shall be uniformly distributed to provide a minimum 8 inch depth after compaction and finishing grade. Top soil shall be spread cultivated, lightly compacted to prevent future settlement, dragged, and graded to finished grade.

4. Equipment:

- a. Equipment shall be suited for the installation of native plants and seeds. Equipment causing damage to soils or site (example: rutting, compaction, or prepared soils) shall not be used. Equipment shall be calibrated and adjusted to sow seeds at the proper seeding rate and operated in a manner to ensure complete coverage of the entire native zones.
- b. Seeding equipment shall be designed to accommodate a wide variety of seed types, sizes and shapes.
- c. If a rangeland type grass drill or no-till planter is used, rolling of the seed bed shall not be permitted.

E. Maintenance: The maintenance period shall begin immediately following planting and continue annually, subject to the following criteria:

- 1. All planted and seeded areas shall be maintained by prescribed burning (if permitted), high mow management, replanting or reseeding, and invasive control management as necessary to establish vegetation free of bare or eroded areas and areas that are infested with invasive plants.
 - a. In the first two (2) growing seasons, the planted area shall be mowed every four to six (4 – 6) weeks throughout the growing season to a height not less than eight (8) inches. Mowing is to be conducted frequently enough to cut weeds before they form seed heads. If seed heads form on weeds they shall be removed from the site.
 - b. Prescribed burning shall also be conducted at the conclusion of the third growing season. All licenses and permits required to conduct prescribed burning from state and local authorities shall be completed before initiating any burning. Prescribed burns shall continue annually.
- 2. Dead or declining plant material shall be reseeded and replaced as necessary to meet the performance standard in the year the damage is observed. All replacement plants must be of the same size as the plants thriving in the planted area.
- 3. Plant replacements shall be completed according to the installation instructions.
- 4. Native plant landscape areas shall be managed for invasive plant species as outlined on the Invasive Plant Management Schedule (Appendix 2).

5. When the Monitoring Status Report findings indicate performance of the native plant landscape has fallen below the criteria for establishment of native plant landscapes of this Section, remedial action to restore and replace dead or declining plant material shall occur. Native plant landscapes requiring remedial action shall be considered non-compliant with this Section until necessary corrective actions are completed.

F. Performance Standards

1. At the end of the first growing season, seeded and planted areas shall meet or exceed 75% plant cover, seedlings of six planted grass/sedge species found and seedlings of six planted forb species found within any given one meter transect . No invasive species shall be present.
2. At the end of the second growing season, seeded and planted areas shall meet or exceed 80% plant cover, 5% cover by planted native grass/sedge species, 15% cover by planted forb species, and 20% of planted species found within any given one meter transect.

Sites less than two acres where planting or restoration has taken place, no invasive species shall be present.

Sites greater than two acres where planting or restoration work has taken place, invasive species shall comprise no more than 10% of the plant cover.

3. At the end of the third growing season, seeded and planted areas shall meet or exceed 95% plant cover, 20% cover by planted native grass/sedge species, 40% cover by planted forb species, and 60% of planted species found within any given one meter transect.

Sites less than two acres where planting or restoration has taken place, no invasive species shall be present.

Sites greater than two acres where planting or restoration work has taken place, invasive species shall comprise no more than 5% of the plant cover.

4. At the conclusion of the three year maintenance period, if the planted areas do not meet the performance specification, the Village shall draw on the letter of credit to achieve the performance specifications.

G. Enforcement

1. In the event the property owner, its successors or assigns, do not perform the necessary actions to restore a non-compliant native plant landscape within two (2) weeks of identification of the non-conformity, provided environmental conditions permit immediate action, a fine in accordance with the Comprehensive Fine Schedule set forth in Chapter 17 of Title 1 of this Code shall be assessed. In addition the native plant landscape will be restored to a state of compliance and/or a status assessment will be conducted by a Village consultant at the expense of the responsible party.
2. To ensure compliance with this Section, the Landscape Improvement Deposit in

accordance with Section 7-1-6 of this Code shall be held for maintaining the landscape improvements for a period of three (3) years after acceptance. At the conclusion of the three (3) year maintenance period, any items not conducted in accordance with this Section, the Village shall draw from the Deposit to employ the services of a qualified consultant to ensure compliance, and for the time and labor required to achieve compliance.

13-2-9: Penalties

Any person found guilty of violating any provision of this Chapter shall be assessed at a cost as prescribed in the Comprehensive Fine Schedule set forth in Chapter 17 of Title 1 of this Code. Where a continued violation persists, after notification by the Village, the fine shall be assessed weekly until the violation is corrected. (Ord. No. 03-1840-17, eff. 4/14/03)

13-2-10: APPENDICES

Appendix 1: Salt Tolerant Landscape Plants

Appendix 2: Invasive Plant Management Schedule

Appendix 3: Open Space Landscaping Standards

Appendix 1: Salt Tolerant Landscape Plants*

T = Plants with highest degree of salt tolerance. Use in most exposed areas.

M = Plant with moderate degree of salt tolerance. Use in low salt areas.

DECIDUOUS TREES

Scientific Name	Common Name	Zone	Aerial Salt Tolerance	Soil Salt Tolerance
<i>Acer campestre</i>	Hedge maple	5-8	M	
<i>Acer ginnala</i>	Amur maple	2-8	M	
<i>Acer nigrum</i>	Black maple	4-9	M	
<i>Acer pseudoplatanus</i>	Sycamore maple	5-7	T	
<i>Aesculus hippocastanum</i>	Horse-chestnut	4-7	T	Y
<i>Aesculus octandra</i>	Yellow buckeye	4-8	M	
<i>Amelanchier x grandiflora</i>	Apple serviceberry	4-9	T	
<i>Betula nigra</i>	River birch	3-7	M	
<i>Carya cordiformis</i>	Bitternut hickory	4-9	T	Y
<i>Carya ovata</i>	Shagbark hickory	4-8	T	
<i>Catalpa speciosa</i>	Northern catalpa	4-8	T	Y
<i>Celtis occidentalis</i>	Hackberry	2-9	M	Y
<i>Diospyros virginiana</i>	Persimmon	4-9	M	
<i>Ginkgo biloba</i>	Ginkgo	3-8	M	Y
<i>Gleditsia triacanthos</i>	Honey locust	3-9	T	Y
<i>Gymnocladus dioica</i>	Kentucky coffeetree	3-8	T	Y
<i>Juglans cinerea</i>	Butternut	3-7	T	
<i>Juglans nigra</i>	Black walnut	4-9	T	Y
<i>Koelreuteria paniculata</i>	Golden rain tree	5-8	M	
<i>Larix decidua</i>	European larch	2-6	T	
<i>Larix laricina</i>	American larch	2-5	T	
<i>Liquidambar styraciflua</i>	Sweet gum	5-9	T	Y
<i>Malus</i> (some cultivars) (x <i>zumi</i> 'Calocarpa', 'Adams', 'Donald Wyman', 'Prairifire')	Crabapple	5-7	M	
<i>Nyssa sylvatica</i>	Tupelo	4-9	M	Y
<i>Ostrya virginiana</i>	Ironwood	3-9	M	
<i>Platanus occidentalis</i>	Sycamore	4-9	M	Y
<i>Quercus alba</i>	White oak	3-9	T	
<i>Quercus bicolor</i> *	Swamp white oak	4-8	M	Y
<i>Quercus ellipsoidalis</i>	Northern pin oak	4-6	M	Y
<i>Quercus imbricaria</i>	Shingle oak	4-8	M	
<i>Quercus macrocarpa</i>	Bur oak	2-8	M	Y
<i>Quercus robur</i>	English oak	4-8	T	
<i>Sassafras albidum</i>	Sassafras	4-9	M	
<i>Syringa amurensis</i>	Japanese tree lilac	3-7	T	Y
<i>Syringa pekinensis</i>	Peking lilac	4-7	T	Y
<i>Taxodium distichum</i>	Bald-cypress	4-9	T	Y
<i>Ulmus</i> 'Regal'	Regal elm	4-6		Y

EVERGREEN TREES

Scientific Name	Common Name	Zone	Aerial Salt Tolerance	Soil Salt Tolerance
<i>Juniperus chinensis</i>	Chinese juniper	2-8	T	Y
<i>Juniperus horizontalis</i>	Creeping juniper	4-9	T	Y
<i>Juniperus virginiana</i>	Eastern red-cedar	3-9	T	
<i>Picea pungens</i>	Blue spruce	2-7	T	Y
<i>Pinus mugo</i>	Mugo pine	2-7	T	Y
<i>Thuja occidentalis</i>	Eastern arborvitae	2-8	M	Y

SHRUBS

Scientific Name	Common Name	Zone	Aerial Salt Tolerance	Soil Salt Tolerance
<i>Inus rugosa</i>	Speckled alder	3-6	M	
<i>Amelanchier canadensis</i>	Serviceberry	3-7	T	
<i>Amorpha fruticosa</i>	Indigo-bush	4-9	T	Y
<i>Aronia arbutifolia</i>	Red chokeberry	4-8	M	
<i>Aronia melanocarpa</i>	Black chokeberry	3-8	M	
<i>Buxus microphylla</i> var. <i>koreana</i>	Korean boxwood	4-9	M	
<i>Caragana arborescens</i>	Siberian pea-shrub	2-7	T	Y
<i>Caragana fruticosa</i>	Russian pea-shrub	2-6	T	
<i>Clethra alnifolia</i>	Summersweet clethra	3-8	T	
<i>Comptonia peregrina</i>	Sweet-fern	2-5	T	
<i>Cotoneaster</i> species	Cotoneaster	4-8	T	Y
<i>Forsythia</i> spp.	Forsythia	6-8	T	Y
<i>Hamamelis virginiana</i>	Witch-hazel	3-8	T	
<i>Hibiscus syriacus</i>	Rose-of-Sharon	5-8	M	
<i>Hippophae rhamnoides</i>	Sea-buckthorn	3-7	T	Y
<i>Hydrangea</i> spp.	Hydrangea	3-9	T	
<i>Hypericum</i> spp.	St. John's wort	3-8	T	
<i>Ilex verticillata</i>	Winterberry	3-9	M	
<i>Lespedeza bicolor</i>	Shrub bush-clover	4-8	T	
<i>Myrica pensylvanica</i>	Bayberry	3-6	M	Y
<i>Perovskia atriplicifolia</i>	Russian-sage	5-8	T	
<i>Philadelphus coronarius</i>	Mock-orange	5-8	M	
<i>Potentilla fruticosa</i>	Shrubby cinquefoil	2-7	T	
<i>Prunus x cistena</i>	Purpleleaf sand cherry	2-8	M	
<i>Pyracantha coccinea</i>	Firethorn	6-9	T	
<i>Rhodotypos scandens</i>	Black jetbead	4-8	T	
<i>Rhus aromatica</i>	Fragrant sumac	3-9	T	Y
<i>Rhus glabra</i>	Smooth sumac	3-9	T	Y
<i>Rhus typhina</i>	Staghorn sumac	4-8	T	Y
<i>Ribes alpinum</i>	Alpine currant	2-7	M	Y
<i>Robinia hispida</i>	Bristly locust	5-8	T	Y
<i>Rosa rugosa</i>	Rugosa rose	2-7	T	Y

<i>Sambucus canadensis</i>	Elderberry	3-9	T	
<i>Shepherdia canadensis</i>	Buffaloberry	2-6	M	
<i>Spiraea</i> spp. (most)	Spirea	3-8	T	
<i>Symphoricarpos albus</i>	Snowberry	3-7	T	
<i>Syringa meyeri</i> 'Palibin'	Palibin lilac	3-7	M	Y
<i>Syringa patula</i> 'Miss Kim'	Miss Kim lilac	3-7	T	Y
<i>Viburnum dentatum</i>	Arrowwood viburnum	5-9	M	
<i>Viburnum lentago</i>	Nannyberry	2-8	M	
<i>Viburnum prunifolium</i>	Blackhaw viburnum	3-9	M	Y
<i>Viburnum trilobum</i>	American cranberry-bush	2-7	M	

* Source: The Morton Arboretum, www.mortanarb.org

Appendix 2: Invasive Plant Management Schedule

Plant Name	Specific Management	Month(s)	Comments
Common and Glossy Buckthorn (Rhamnus cathartica and fragula)	Cut and immediately wick apply herbicide.	Jan, Feb, March, June, July, Aug, Sept, Oct, Nov, Dec	Foliar application of herbicide should not be considered unless the site is to be completely reseeded with the understanding that all plants will be killed.
Honeysuckle (Lonicera tatarica, maackii, japonica)	Cut and immediately wick apply herbicide.	Jan, Feb, March, June, July, Aug, Sept, Oct, Nov, Dec	Foliar application of herbicide should not be considered.
Multiflora Rose (Rosa multiflora)	Cut and immediately wick apply herbicide.	Jan, Feb, March, June, July, Aug, Sept, Oct, Nov, Dec	Foliar application of herbicide should not be considered.
Teasel (Dipsacus sylvestris, laciniatus)	Herbicide rosettes.	Mar, April, May, June, Nov	Biennial, important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads.
Teasel (Dipsacus sylvestris, laciniatus)	Cut seed heads, remove from site. Herbicide cut stock close to ground.	July, Aug, Sept	Biennial, important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads.
Reed Canary Grass (Phalaris arundinacea)	Herbicide stands of grass.	April, May, June	
Reed Canary Grass (Phalaris arundinacea)	Cut seed heads, remove from site. Herbicide cut stock close to ground.	July, Aug, Sept	Reed Canary Grass (Phalaris arundinacea)
Garlic Mustard (Allaria petiolata)	Herbicide rosettes.	March, April, Oct, Nov	Biennial, important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads.
Garlic Mustard (Allaria petiolata)	Hand pull plants. Remove from site.	May, June, July, Aug, Sept	Biennial, important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads.
Crown Vetch (Coronilla varia)	Cut and herbicide plant close to the ground. Remove cut plants from site.	April, May, June, July, Aug, Sept, Oct	
Bird'S Foot Trefoil (Lotus corniculatus)	Cut and herbicide plant close to the ground. Remove cut plants from the site.	April, May, June, July, Aug, Sept, Oct	

Canada and Bull Thistle (Cirsium arvense, vulgare)	Herbicide small plants or rosettes.	March, April, May, June, Oct, Nov	Bull thistle is a biennial. It is important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads. Canada thistle is a perennial. Remove all seed heads from the site.
Canada and Bull Thistle (Cirsium arvense, vulgare)	Cut seed heads and remove from site. Herbicide cut stalks close to the ground.	July, Aug, Sept, Oct	Bull thistle is a biennial. It is important to catch rosettes in first year. Care needs to be taken to remove all seed heads from site. Do not mow. Manually remove heads. Canada thistle is a perennial. Remove all seed heads from the site.
Purple Loosestrife (Lythrum salicaria)	Herbicide young plants.	May, June	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.
Purple Loosestrife (Lythrum salicaria)	Cut seed heads and remove from site. Herbicide cut stems close to the ground.	July, Aug, Sept, Oct	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.
Phragmites (Phragmites australis)	Herbicide young stands.	April, May, June, July	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.
Phragmites (Phragmites australis)	Cut seed heads and remove from site. Herbicide cut stems close to the ground.	June, July, Aug, Sept, Oct	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.
White and Yellow Sweet Clover (Melilotus alba and officinalis)	Cut and remove plant from site. Herbicide cut stems close to the ground.	May, June, July, Aug, Sept, Oct	
Willow (Salix)	Cut plant and herbicide cut stems close to the ground.	April, May, June, July, Aug, Sept, Oct	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.
Cattails (Typha)	Cut plant and herbicide cut stems close to the ground or water. Remove any seed heads from the site.	April, May, June, July, Aug, Sept, Oct	This plant grows in wet conditions. An aquatic herbicide must be used if it is in the water or close to the water.

NOTE: All herbicides and their application must be specific to the type of plant controlled. Manufacturers' instructions must be carefully followed. With few exceptions spot or wick applications must be utilized to protect surrounding plants.

Appendix 3:
Open Space Landscaping Standards

VILLAGE OF LINCOLNSHIRE

OPEN SPACE LANDSCAPING
STANDARDS

CONTENTS

- A. Seeding
- B. Mulch and Excelsior Blanket
- C. Sodding
- D. Planting
- E. Period of Establishment and Guarantee

A. SEEDING:

Description: This section describes the seed bed preparation and furnishing, transporting and placing the seed and other materials required in seeding operations.

CONSTRUCTION REQUIREMENTS:

Seed Bed Preparation: Seed bed preparation shall not be started until all stones, boulders, debris and similar material larger than 3 inches in diameter have been removed. The area to be seeded shall be worked to a minimum depth of 3 inches with a disk or other equipment approved by the Village Engineer, reducing all soil particles to a size not larger than 2 inches in the largest dimension. The prepared surface shall be relatively free from all weeds, clods, stones, roots, sticks, rivulets, gullies, crusting and caking. No seeds shall be sown until the seed bed has been approved by the Village Engineer.

Seed bed preparation will not be required for Erosion Control Seeding if the soil is in a loose and pliable condition. Light discing shall be done if the soil is hard or caked.

Seeding Methods: No seed shall be sown during high winds or when the ground is not in a proper condition for seeding, nor shall any seed be sown until the purity test has been completed for the seeds to be used, and shows that the seed meets the noxious weed seed requirements. The Village Engineer will examine and then approve any equipment to be used. Prior to starting work, seeders shall be calibrated and adjusted to sow seeds at the proper seeding rate. Equipment shall be operated in a manner to ensure complete coverage of the entire area to be seeded. The Village Engineer shall be notified 48 hours prior to beginning the seeding operations so that the Village Engineer may determine by trial runs that a calibration of the seeder will provide uniform distribution at the specified rate per acre. When seed or fertilizer is applied with a hydraulic seeder, the rate of application shall be not less than 1000 gallons of slurry per acre. This slurry shall contain the proper quantity of seed or fertilizer specified per acre. When using a hydraulic seeder, the fertilizer nutrients and seed shall be applied in two separate operations.

Within 12 hours, all seeded areas, including slopes 3 to 1 or flatter, shall be rolled at right angles to the run off with an approved type roller or cultipacker to compact the seed bed and place the seed in contact with the soil. Slopes steeper than 3 to 1 need not be rolled. Rolling will not be required in the following conditions:

On slopes steeper than 3 to 1.

When a mulch stabilizer is used to anchor the mulch.

When a hydraulic seeder is used to apply the seed.

When a rangeland type grass drill is used.

When the seeding equipment is equipped with a roller that achieves the desired compaction.

When Erosion Control Seeding is called for on the plans, a harrow, approved by the Village Engineer, maybe substituted for the roller.

The optimum depth for seeding shall be 1/4 inch.

All legumes (clover, vetch, birdsfoot trefoil, lespedeza and alfalfa) shall be inoculated with the proper bacteria in the amounts and manner recommended by the manufacturer of the inoculant before sowing or being mixed with other seeds for sowing. The inoculant shall be furnished by the Contractor and shall be approved by the Village Engineer. The seed shall be sown as soon as possible after inoculation and seed that has been standing more than 24 hours after inoculation shall be re-inoculated before sowing. If legumes are applied by hydro seeder, 3 times the normal amount of inoculant shall be used.

- a. Native Grass and Native Forb Seed Mixtures: Native Grass and Native Forb Seed Mixtures shall be done by hydraulic seeders or with a rangeland type grass drill meeting the approval of the Village Engineer.

If a hydraulic seeder is used, the water application rate shall be not less than 500 gallons per acre.

Seeding operations for new construction (bare earth) shall be May 15 to June 30 or October 15 to December 1. Seeding operations on existing turf shall be between October 15 and December 1. All areas of existing turf to be seeded except as listed below shall be mowed one or more times to a height of not more than three inches. The equipment used shall be capable of completely severing all growth at the cutting height and distributing it evenly over the mowed area. The cut material shall not be windrowed or left in a lumpy or bunched condition. Subsequent mowing may be required on certain areas in order to disperse the mowed material and allow penetration of the seed.

Debris encountered during the mowing and seeding operations which may hamper the operations shall be removed and disposed of. Damage to the turf, such as ruts or wheel tracks more than two inches in depth, shall be repaired to the satisfaction of the Village Engineer prior to the time of seeding.

- b. Erosion Control Mixture

This method shall be considered a temporary erosion control method and shall be used as a temporary cover when permanent seeding cannot be accomplished. All areas that are to be left bare for more than one month will be consider for Erosion Control Seeding. Any areas that cannot receive permanent seeding before winter shut down shall be seeded with Erosion Control Seeding.

Seeding Mixtures: The classes of seeding mixtures will be designated by the Village Engineer and will consist of one or more of the types listed in Table 1.

Table 1 - SEEDING MIXTURES

TYPE	SEEDS	LBS./ACRE
Park & Lawn Mixture	Ky Bluegrass	50
	Perennial Ryegrass	30
	Creeping Red Fescue	20
Salt Tolerant Lawn Mixture	Ky Bluegrass	30
	Perennial Ryegrass	10
	Dawsons Red Fescue	10
	Scaldis Hard Fescue	10
	Fults Salt Grass*	30
Roadside Mixture	Ky 31 or Alta Fescue	50
	Perennial Ryegrass	30
	Creeping Red Fescue	20
	Oats, Spring	48
Salt Tolerant Roadside Mixture	Ky 31 or Alta Fescue	30
	Perennial Ryegrass	10
	Dawsons Red Fescue	10
	Scaldis Hard Fescue	10
	Fults Salt Grass*	30
Slope Mixture	Ry 31 or Alta Fescue	40
	Perennial Ryegrass	20
	Alsike Clover**	5
	Birdsfoot Trefoil**	10
	Little Bluestem	5
	Side Oats Grama	10
Native Grass Mixture	Big Blue Stem	4
	Little Blue Stem	5
	Prairie Switchgrass	2
	Indian Grass	2
	Prairie Dropseed	1
	June Grass	1
	Side Oats Grama	5
	Perennial Ryegrass	20
	(delete when seeding over existing turf)	
Native Forb Mixture	Amorpha canescens -Lead Plarn (6)**	
	Asclepias tuberosa – Butterfly Milkweek (1)	
	Aster laevis – Smooth Aster (2)	
	Aster novae-angliae - New England Aster (2)	
	Ceanothus americanus - New Jersey Tea (3)	
	Coreopsis palmata - Prairie Coreopsis (6)	
	Dodecatheon Meadii - Shooting Star (4)	
	Echinacea pallida - Pale Purple Coneflower (8)	
	Eryngium yuccifolium - Rattlesnake Master (8)	
	Liatis asoera - Button Blazing Star (8)	
Liatis pycnostachya - Prairie Blazing Star (6)		
Monarda fistulosa - Prairie Bergamot (6)		

Parthenium integrifolium - Prairie Quinine (3)
Petalostemum candidum - White Prairie Clover (1)**
Petalostemum purpureum - Purple Prairie Clover (6)**
Rudbeckia hirta - Black-eyed Susan (9)
Ratbida pinnata - Yellow Coneflower (8)
Silphium laciniatum - Compass Plant (1)
Silphium terebinthinaceum – Prairie Dock (1)
Solidago rigida - Rigid Goldenrod (6)
Veronicastrum virginicum - Culvert's Root (5)

(The number in the () indicates the suggested percentage by weight of each item in the mixture. The total weight of the mixture shall be 2 lbs/acre. The mixture shall contain at least 1% and not more than 10% by weight of each variety listed.)

Variation in the Native Forb seed quantities or varieties will be allowed in the event of a crop failure or other unforeseen conditions. The contractor shall provide for the approval of the Village Engineer a written description of the changed Mixture, the reasons for the change, and the name of the seed supplier.

Conservation Mixture	Smooth Brome Grass	40
	Vernal Alfalfa**	15
	Oats. Spring	48
Detention Area Mixture	Buffalo Grass	100
Erosion Control Mixture	Perennial Ryegrass	50
	Oats, Spring	64

*Fulps pucinnellia distans

**Legumes - inoculation required

Method of Measurement: The quantities and application rates of fertilizer nutrients and agricultural ground limestone are subject to adjustment and will be determined on the basis of the analysis of soil samples taken by the Developer.

Fertilizer will be measured by weight in pounds of actual nutrients. The following formula will be used to determine the pounds of fertilizer nutrients applied:

$$(\text{Total weight of mixed fertilizer in pounds}) \times (\text{Percentage of each nutrient in the fertilizer applied}) = \text{pounds of each fertilizer nutrient.}$$

B. MULCH AND EXCELSIOR BLANKET

Description: This section describes the furnishing, transporting and placing mulch or excelsior blanket.

Materials: Materials shall meet the following requirements:

Mulching Seeded or Planted Areas: Within 24 hours from the time seeding, or planting of

seedling trees, shrubs or vines has been performed, the seeded or planted area shall be given a covering of mulch by one of the following methods. On slopes steeper than 3:1 mulch shall be applied the same day as seeded or planted. Mulch shall be applied uniformly at the rate specified.

Method 1: This method shall consist of hand or machine application of straw mulch. The mulch shall be loose enough to permit air to circulate but compact enough to reduce erosion. If baled mulch material is used, care shall be taken that the material is in a loosened condition and contains no lumps or knots of compacted material.

Method 2: This method shall consist of applying a layer of asphalt-coated straw mulch on seeded areas or planted areas.

This mulch shall have a partial coating of Emulsified Asphalt.

The coated mulch shall be placed by equipment which will blow or eject, by means of a constant air stream, controlled quantities of the mulch and asphalt in a uniform pattern over the specified area. If the mulch is excessively cut or broken, the Contractor shall take measures to reduce the cutting or breakage to a limit approved by the Village Engineer.

The asphalt shall be introduced into the air stream by means of a spray arranged in such a manner that it will partially coat the mulch with a spotty asphalt tack prior to the depositing of the mulch covering. The rate of application will be determined by the Village Engineer; however, the rate of application shall be not less than 75 gallons per ton of mulch.

Method 3: The straw shall be applied in accordance with all of the requirements of Method 1, except a mulch stabilizer shall be used to anchor mulch into the soil by means of dull blades or disks. These blades or disks shall be without camber, be approximately 20 inches in diameter.

The disks shall be notched and shall be spaced at approximately 3-inch intervals and shall be equipped with scrapers. The stabilizer shall weigh approximately 1000 pounds and shall have a working width not to exceed 72 inches and shall be equipped with a ballast compartment, so that when directed, weight can be increased.

Method 4: This method shall consist of a hand or machine application of an approved shredded tree bark mulch material. The processed bark mulch shall be uniformly applied over the seeded area at a rate determined by the Village Engineer. Care shall be taken that the material is in a loosened condition and contains no lumps or knots of compacted material.

Method 5: This method shall consist of machine application of straw mulch at the specified rate using an approved mulch blower followed immediately by an overspray application of hydraulic mulch. The hydraulic mulch shall be applied as a slurry of 750 pounds of mulch and 1000 gallons of water per acre by an approved hydraulic mulch applicator. The hydraulic mulch slurry shall be agitated a minimum of 5 minutes before application and shall be agitated during application.

Method 6: This method shall consist of machine application of straw mulch at the specified rate using an approved mulch blower with chemical mulch binder applied simultaneously with the hay or straw as in Mulch Method 2 or with chemical mulch binder applied as an overspray in accordance with Mulch Method 5. Chemical mulch binder shall be applied at the rate and manner recommended by the supplier and approved by the Village Engineer.

Method 7: This method shall consist of machine application of wood or paper fiber hydraulic mulch at the specified rate using an approved hydraulic seeder. The hydraulic mulch shall be applied as a slurry of 2000 pounds of mulch and not less than 2000 gallons of water per acre. The hydraulic mulch slurry shall be agitated a minimum of 5 minutes before application and shall be in continuous agitation during application. The seeding will not be applied concurrently with this operation.

Following the mulching operation, every precaution shall be taken to prohibit foot or vehicular traffic, or the movement of mulching has been displaced by any Contractor's equipment or personnel, the seeding or other work damaged as a result of that displacement shall immediately be replaced and the mulch covering replaced, at the Contractor's expense, in a manner satisfactory to the Village Engineer.

Excelsior Blanket: The excelsior blanket shall be placed within 24 hours after seeding operations have been completed on the areas specified by the Village Engineer. Prior to placing the mat, the areas to be covered shall be relatively free of all rocks or clods over 1 1/2 inches in diameter, and all sticks or other foreign material which will prevent the close contact of the blanket with the seed bed. If as a result of a rain, the prepared seed bed becomes crusted or eroded, or if eroded places, ruts or depressions exist for any reason, the Contractor will be required to rework the soil until it is smooth and to reseed such areas which are reworked. After the area has been properly shaped, fertilized and seeded, the blanket shall be laid out flat, evenly and smoothly, without stretching the material.

Jute or paper mat used as a ditch lining shall be applied with the lengths running parallel to the flow of water. When the blanket is unrolled, the netting shall be on top and the fibers in contact with the soil.

In ditches, the blankets shall be applied in the direction of the flow of the water and butted snugly against each other. Use 4 staples across at the start of each roll and continue to staple each side and the center on 4-foot intervals. Use a common row of staples on adjoining blankets.

On slopes, the blanket shall be applied either horizontally or vertically to the contour. Staple similar to ditch applications except the space interval shall be 6 feet.

C. SODDING

Description: This section shall describe the preparation of the ground surface and furnishing, transporting and placing sod and other materials required in the sodding operations.

Ground Preparation: Immediately prior, but not in excess of 24 hours before the sod is placed, the soil surface shall be worked until it is relatively free from debris, washes,

gullies, clods and stones, and is in a satisfactory condition. The surface shall be worked to a depth of not less than 3 inches with a disk, tiller or other equipment approved by the Village Engineer. Prepared surfaces that become crusted shall be reworked to an acceptable condition for sodding.

All soil surfaces shall be moist when the sod is placed. When directed by the Village Engineer, the Contractor shall be required to apply water to dry soil surfaces at a minimum rate of one gallon per square yard immediately prior to placing the sod.

When specified, agricultural ground limestone and fertilizer nutrients shall be applied at the designated rates over the areas to be sodded.

Sodding Time: Sod shall be placed when the ground is in a workable condition and temperatures are less than 90 degrees F. Sod shall not be placed when the sod or ground surface is frozen or during and extended drought.

Transportation: All sod shall be properly covered when transported to prevent it from drying out. Adequate shading and ventilation must be provided for the sod to prevent it from decomposing while it is transported.

Sod cut for more than 48 hours shall only be used with the approval of the Village Engineer. Any sod that has dried out, has heated to over 100 degrees F. or is frozen prior to placing will be rejected and shall be immediately removed from the job site by the Contractor.

Placing Sod: The sod shall be placed on the prepared surface with the edges in close contact and alternate courses staggered.

In ditches, the sod shall be placed with the longer dimension perpendicular to the flow of water in the ditch. On slopes, starting at the bottom of the slope, the sod shall be placed with the longer dimension parallel to the contours of the ground. The exposed edges of sod shall be buried flush with the adjacent soil.

On slopes where the sod may be displaced during sodding operations, the workmen shall work from ladders or treaded planks.

Staking Sod: The sod shall be staked on all slopes of 2:1 or steeper. Sod shall be staked with not less than 4 stakes per square yard with at least one stake for each piece of sod. Stakes shall be a minimum of 6" long. Stakes shall be installed so that they hold the sod firmly in place yet present no danger to pedestrians or mowing crews. The type of stake and the method of installation shall meet the approval of the Village Engineer.

Sod Watering: Within 6 hours after the sod has been placed. 5 gallons of water per square yard shall be applied. Thereafter, on days designated by the Village Engineer, additional water shall be applied at the rate of 3 gallons per square yard. The sod must be adequately watered during the period of establishment, defined as the period of time between sod placement and when the sod becomes knitted to the soil and growing in place.

The Contractor shall have on hand enough equipment to completely water all sodded areas in 2 days at watering rates specified during the period of establishment. The Village

Engineer will make periodic checks of the Contractor's equipment to determine its adequacy and operating condition.

All watering described herein shall be done with a spray application. An open end hose will not be acceptable. The method of watering shall meet the approval of the Village Engineer.

Supplemental Watering: During periods of intense heat or subnormal rainfall, supplemental watering may be required prior to acceptance of the work. Supplemental watering shall be performed when directed by the Village Engineer. Water shall be applied at the rate specified by the Village Engineer within 24 hours of notice. Supplemental watering may be performed during the period of establishment or any time prior to final acceptance of the project.

Disposal of Surplus Material: Surplus and waste materials resulting from sodding operations shall be disposed of by the Contractor, at his/her own expense.

D. PLANTING

Description: This work shall consist of digging and preparing plant holes, and of furnishing, transporting and planting trees, shrubs, vines, seedlings and other materials.

It shall also include all incidental operations such as mulching, bracing, wrapping, care of living plants and replacements of unsatisfactory plants.

Planting Time: Except for container grown items, plants must be dormant when delivered to the storage site or project.

Bare root plant material shall be planted only when the air temperatures exceed 35 degrees F. The Contractor shall begin this work not later than September 1, following the award date of the contract.

- a. Spring Planting: This work shall be performed from the time the soil can be worked until the plant, under field conditions, is not dormant except that:
 1. Evergreen planting shall end April 30.
 2. Seedlings shall be planted only during the spring planting season.
 3. The planting time may be extended for container grown plants if the Village Engineer determines that the weather conditions are favorable.
- b. Fall Planting: This work shall be performed from the time the plant becomes dormant until the ground cannot be satisfactorily worked except that evergreen planting shall be performed between August 15 and October 15.

Digging of Plants: Plants shall not be dug until the Contractor is ready to transport them from their original locations to the site of the work or approved storage. The maximum time lapse between digging and being properly loaded for delivery to the site of the work or being placed in approved storage, shall be 4 days for balled or burlapped plants and one day for bare root plants. They shall be dug with care, avoiding injury to

the plants or loss or damage of the roots, particular attention being given to fibrous roots. Immediately after digging, roots shall be protected against drying out and freezing. Bare root plants shall be dug only when air temperatures exceed 35 degrees F.

Transportation: During transportation, the Contractor shall exercise care to prevent injury and drying out of the plants. Upon arrival at the temporary storage location of the site of the work, plants will be inspected for proper shipping procedures. Should the roots be dried out, large branches be broken, balls of earth be broken or loosened, or areas of bark be torn, the Village Engineer may reject the injured tree. When a tree has been so rejected, the Contractor shall at once remove it from the area of the work and replace it.

Temporary Storage: No plant shall remain in temporary storage over the summer. Plants delivered to the project that are not to be planted immediately shall be protected in the following manner:

- a. Bare Root Plants: Plants may remain on the site of the work only 24 hours prior to being planted or placed in storage. During this 24 hour period, the Contractor shall continue to exercise care to prevent injury and drying out of the plants. The roots of plants to be placed in storage shall first be puddled in a paste solution of the prepared backfill used in planting and water. The plants shall then be protected and kept moist by "heeling-in" the roots or by placing the plant in a cool moist storage building. The "heeling-in" procedure shall require the plants to be separated and the roots heeled in a suitable moist soil. If plants are stored in a building, the roots shall be covered with a suitable moist mulch. Winter storage of bare rooted plants will be allowed only in temperature and humidity controlled buildings. The Village Engineer shall approve the storage methods. The duration of storage, the method of storage and the materials used for mulch and "heeling-in" shall meet with the approval of the Village Engineer.
- b. Balled and Burlapped Plants and Container Grown Plants: Plants may remain on the site of the work only 72 hours prior to being planted or placed in storage.

Balled and burlapped plants shall be kept moist and their solidity carefully preserved. To prevent drying out or freezing, they shall be stored either in a cool moist storage building or placed in a compact group with a suitable mulch material placed around and between the balls so they are completely covered.

Container grown plant material shall be kept moist by watering as directed by the Village Engineer. To prevent freezing, they shall be stored either in a cool moist storage building or placed in a compact group with a suitable mulch material placed around and between the balls so they are completely covered.

The duration of storage, method of storage and mulch material for balled and burlap material and container grown plant material shall meet the approval of the Village Engineer.

Layout of Planting: The area to be planted shall be finished to line and grade before planting operations are begun. The Contractor shall furnish all marking flags for locating plants and shall mark thereon the key number and size of plants. The Village Engineer will place the marking flags and outline each area for mass or solid planting.

Excavation of Plant Holes: The sides of all plant holes shall be vertical and the bottoms horizontal. On slopes, the depth of excavation will be measured at the center of the hole. Unless otherwise specified, the excess material excavated from the holes shall be spread in the immediate area as directed by the Village Engineer. The excavated material shall not be stockpiled on turf or in ditches. The sides of holes shall not be glazed or smooth.

- a. Excavation for Trees: Holes for trees shall be dug at the location indicated by the marking flags. The diameter of the hole shall be at least 24" wider than the diameter of the ball and the depth of the hole shall be 2" less than the depth of the ball.
- b. Excavation for Shrubs, Vines and Seedlings: Holes for shrubs, vines and seedlings shall be dug within the marked outline of the planting bed. The interval of planting will be designated on the plans. Spacing shall be measured from center to center and alternate rows shall be staggered.

Prior to digging shrub and vine holes, existing vegetation on the area shall be mowed or treated with a non-selective, post emergent non-residual herbicide approved by the Village Engineer. The area shall then be tilled to a minimum depth of 2 inches until free of debris, gullies, clods, weeds, stones and roots.

Holes for shrubs shall be dug to a minimum diameter of 18 inches greater than the diameter of the ball or container. Holes for vines shall be dug to a minimum diameter and depth of 8 inches.

Immediately prior to planting seedlings, the existing grass and weed growth within the planting area shall be cut to a maximum height of 2 inches. On slopes flatter than 3:1, the soil adjacent to the plant row parallel to the contour shall be prepared by cultivating or scalping to remove all grass and weed growth, in a continuous strip not less than 18 inches wide. The seedlings shall be planted in the center of this strip.

Holes for seedlings shall be made large enough to accommodate the root system with a spade, planting bar or an approved mechanical tree planting machine.

Individual holes for container grown plants shall be excavated to the same dimensions for comparable size balled and burlapped maternal.

Pruning: Pruning shall be done in such a manner as to preserve the natural growth habit of each plant. The method and location of pruning and the percentage of growth to be removed shall be the approval of the Village Engineer, all pruning shall be done with sharp tools in accordance with the best horticultural practices.

The ends of all broken and damaged roots of 1/4 inch or larger shall be pruned with a clean cut, removing only the injured portion. All broken branches, stubs and improper cuts of former pruning shall be removed.

- a. Deciduous Trees: Pruning shall consist of thinning the twigs or branches as dictated by the habit of growth of the various types of the trees to be pruned, and as directed by the Village Engineer. The leader and terminal buds shall not be cut unless directed by the Village Engineer.

- b. Deciduous Shrubs: In general, shrubs shall be cut back to 1/2 of their height.

Shrubs that are slow growing or do not sucker readily shall be pruned in the same manner as deciduous shade trees.

- c. Evergreens: Evergreens shall not be pruned except to remove broken branches.

Planting Procedures: The prepared backfill shall consist of a mixture of topsoil, peat moss and fertilizer. To each cubic yard of topsoil, add 3 cubic feet of loose peat moss, 3 pounds of phosphorus nutrients and 1 pound of potassium nutrients. The method of mixing the components of the prepared backfill shall meet the approval of the Village Engineer. The compressed ratio of the baled peat moss will determine the number of loose cubic feet contained therein. Topsoil shall be stockpiled at locations approved by the Village Engineer.

At the end of the establishment period, nitrogen nutrients shall be uniformly applied to the surface of all backfilled areas where trees, shrubs and vines were planted at the rate of 6 pounds of nutrients per 1000 square feet on inorganic mulch, and 10 pounds of nutrients per 1000 square feet on organic mulch.

The prepared backfill soil shall, at the time of planting, be in a loose, friable condition. At no time shall the prepared backfill or other topsoil used on the job be stockpiled on turf or in ditches.

All plants shall be placed in a plumb position and set 2 inches higher than the depth they grew in the nursery. Prepared backfill shall be placed around the root system. Tamping or watering shall accompany the backfilling operation to eliminate air pockets.

Thorough watering of trees, shrubs and vines, with a method approved by the Village Engineer, shall follow the backfilling operation. This watering shall completely saturate the backfill and be performed during the same day of planting. After the ground settles, as a result of the watering, additional backfill shall be placed to match the level of the finished grade. Approved watering equipment shall be at the site of the work and in operational condition prior to starting the planting operation.

- a. Balled and Burlapped Plants: After the plant is placed in the hole, all cords and burlap shall be cur away from the trunk.
- b. Container Grown Plants: Prior to placing the plant in the hole, the container shall be removed with care so as not to disturb the ball of soil that contains the root system. During the planting operation, care shall be taken not to destroy the solidity of the ball of soil. Pots of material that will decompose in one growing season need not be removed.
- c. Bare Root Plants: The roots shall be carefully spread in a natural position and prepared backfill shall be worked in around the roots so each root is individually packed to eliminate air pockets. The plant shall be gently raised and lowered to assure contact of the roots with the soil.

- d. Seedling Plants: When seedlings are removed from storage for planting, they shall be transported to the planting site in containers of water and the roots shall be continuously immersed until planted. The roots shall be placed in the center of the hole and prepared backfill shall be compacted around the roots to eliminate air pockets. The prepared backfill shall be saturated with water after the plant is placed. Any unplanted seedlings left at the end of each day shall be removed from the water, the roots wrapped in moist materials and the seedlings placed in storage.

Mulch Cover: A mulch cover shall be provided for all plants except seedlings. A 4-inch deep circular water saucer of soil shall be constructed around single plants and shall be filled with mulch material to a depth of not less than three inches (3"). When the plant is in a bed in which spacing is less than 6 feet on centers, the entire bed shall be mulched to a depth of not less than three inches (3") and with a mulch material. The mulch shall extend 3 feet beyond the peripheral plants of the bed.

Wrapping: Within 7 days after planting, all shade trees of 2 1/2 inches diameter or larger shall be wrapped from the ground to the lowest major branch. Unless otherwise specified, a double layer of commercial screen wire mesh shall be wrapped around the trunk of the tree. The screen wire shall be secured to itself with staples or single wire strand tied to the mesh.

E. PERIOD OF ESTABLISHMENT AND GUARANTEE

Final inspection of all work will be made during the month of September each year. To be acceptable, the plant must be in a live healthy condition, representative of its species, and shall have been growing in place for not less than one year prior to inspection. No portion of this work will be inspected until all items of work are completed.

Plants that do not meet the requirements for acceptance shall be replaced by the Contractor at his/her own expense following the date of inspection and prior to November 15 or in the case of items specified for spring planting only, prior to the following May 15, at which time another final inspection will be made for replacements only. Should replacements include both spring and fall items, the Contractor may elect to plant all replacements in the spring, prior to May 15.

The Contractor shall remove immediately from the site of the work any dead plant material. During spring or fall planting, the Contractor will not be permitted to terminate the operation until all plant material is in a live, healthy condition. All plant material which dies within 15 days after being planted shall be replaced at the time and shall be considered as part of the original planting and be subject to the requirement of the period of establishment.

Plant Care: During the period of establishment, the Contractor shall properly care for all plants doing such weeding, watering, adjusting of braces, repair of water saucers or other work which is necessary to maintain the health and satisfactory appearance of the plantings. All requirements for proper care during the period of establishment shall be considered as incidental to the cost of the contract and shall be performed within 5 days following notification by the Village Engineer.

- a. During the period of establishment, additional watering shall be performed at least once within every 30 days during the months of May through December.

The schedule for watering within the 30 day increment will be determined by the Village Engineer. Should excessive moisture conditions prevail, the Village Engineer may delete any of all of the additional watering cycles or any part of said cycles.

The water shall be applied to individual plants in such a manner that the plant hole will be saturated without allowing the water to overflow beyond the earthen saucer. Watering of plants in beds shall be applied in such a manner that all plant holes are uniformly saturated without allowing the water to flow beyond the periphery of the bed. The plants to be watered and the method of application shall be approved by the Village Engineer. The Contractor shall not be relieved in any way from the responsibility for unsatisfactory plants due to the amount of supplemental watering.

- b. During the period of establishment, weeds and grass growth shall be removed from within the earthen saucer of individual trees and from the area within the periphery of the mulched plant beds. This weeding shall be performed at least twice during the months of May through September. The weeding schedule will be determined by the Village Engineer.

The weeding may be performed in any manner approved by the Village Engineer provided the weed and grass growth, including their roots and stems, are removed from the area specified therein. Mulch disturbed by the weeding operation shall be replaced to its original condition. All debris that results from this operation must be removed from the right of way at the end of each day.

The plants weeded will be determined by the Village Engineer. The Contractor shall not be relieved in any way from the responsibility for unsatisfactory plants due to the extent of weeding.

EXHIBIT B

APPENDIX B – CONSERVANCY AREA RESTORATION REQUIREMENTS

[Attached]

APPENDIX B

CONSERVANCY AREA RESTORATION REQUIREMENTS

The following are the minimum requirements for the restoration of designated "Conservancy Areas" that are damaged, whether during construction or after occupancy. Prior to restoration, the Village will review the damaged site and approve the proposed restoration plan.

The entire disturbed area shall be cleared of all debris and unsuitable soil, and graded if necessary. The distributed area shall be covered with two inches (2") of approved topsoil, if necessary, and two inches (2") of leaf compost. This action shall be taken immediately and protective fencing replaced if construction is in progress. Plantings on the approved restoration plan shall be planted in accordance with the approved plan specifications during the first appropriate planting season. All plant material shall be guaranteed for a minimum of one year.

The listed material is per 150 Sq. Ft. of damaged area.

CANOPY TREES – DRY SITES: One 2 ½ inch caliper and four (4) seedlings

Scientific Name	Common Name
<i>Quercus alba</i>	White Oak
<i>Quercus rubra</i>	Red Oak
<i>Acer rubrum</i>	Red Maple
<i>Acer saccharum</i>	Sugar Maple
<i>Gymnocladus dioica</i> <i>caroliniana</i>	Kentucky Coffee Tree
<i>Celtis occidentalis</i>	Hackberry
<i>Carya Ovata</i>	Shagbark Hickory

CANOPY TREES – WET SITES: One 2 ½ inch caliper and four (4) seedlings

Scientific Name	Common Name
<i>Quercus bicolor</i>	Swamp White Oak
<i>Quercus macrocarpa</i>	Bur Oak
<i>Liriodendron tulipifera</i>	Tulip Tree
<i>Carpinus</i>	American Hornbeam
<i>Celtis occidentalis</i>	Hackberry
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Acer saccharum</i>	Sugar Maple

INTERMEDIATE TREES – DRY SITES: One 4 ft. – 5 ft. and Three 2 ft. – 3 ft.

Scientific Name	Common Name
<i>Ostrya virginiana</i>	American Hophornbeam
<i>Crataegus spp.</i>	Hawthorn
<i>Cornus florida</i>	Flowering Dogwood
<i>Cercis Canadensis</i>	Redbud
<i>Viburnum prunifolium</i>	Blackhaw Viburnum
<i>Amelanchier laevis</i>	Allegheny Serviceberry
<i>Carpinus caroliniana</i>	American Hornbeam
<i>Rhus typhina</i>	Staghorn sumac

INTERMEDIATE TREES – WET SITES: One 4 ft. – 5 ft. and Three 2 ft. – 3 ft.

Scientific Name	Common Name
<i>Alnus glutinosa</i>	Alder
<i>Betula nigra</i>	River Birch
<i>Mamamelis virginiana</i>	Witch hazel
<i>Crataegus spp.</i>	Hawthorn

SHRUBS – DRY SITES: Five 2 ft. – 3 ft.

Scientific Name	Common Name
<i>Viburnum trilobum</i>	High-Bush Cranberry
<i>Corylus Americana</i>	American Hazelnut
<i>Locinera spp.</i>	Honeysuckle
<i>Rhus glabra</i>	Smooth Sumac

SHRUBS – WET SITES: Five 2 ft. – 3 ft.

Scientific Name	Common Name
<i>Aronia arbutifolia</i>	Red Chokeberry
<i>Cornus sericea</i>	Redtwig Dogwood
<i>Cornus racemosa</i>	Grey Dogwood
<i>Viburnum lentago</i>	Nannyberry

GROUNDCOVER/WILDFLOWERS: Twenty (20)

Care shall be taken to select plants which are site specific, i.e. soils and moisture requirements, sun and shade requirements.

May Apple	Virginia Blue Bells
False Solomon Seal	Hepatica
Solomon Seal	Monarda
Wild Columbine	Woodland Sunflower
Blood Root	Native Iris
Trillium Sp.	Woodland Phlox
Twin Leaf	Wild Ginger (<i>Asarum caudatum</i>)
Wild Geranium	Goldenrod
Yellow Trout-Lily	Jack in the Pulpit
Jacobs Ladder	Alum Root
Butter Cup	Rue
Aster spp.	Turtlehead
Penstemon	Golden Alexander
Agastache	Milkweed
Butterfly Weed	Coreopsis
Eupatorium	Gentian
Liatris	Monkey Flower
Prairie Clover	Echinacea
Sneezeweed	Heliopsis
Obedient Plant	Ratibida
Silphium	Verbena
Culver's Root	Rudbeckia
Native Violets	Native Ferns

SINGLE-FAMILY LANDSCAPE SUMMARY SHEET

8.11 | June 22, 2015 RVB

Lake Forest

1. In the front yard, two shrubs, with a minimum height of 36 inches at the time of planting, must be planted for every ten linear feet of foundation along the portion of the building facing a public or private street.
2. In the corner side yard, two shrubs, with a minimum height of 36 inches at the time of planting, must be planted for every ten linear feet of foundation along the portion of the building facing a public or private street.
3. In addition to divisions (1) and (2) above, two of the following must also be satisfied:
 - a. Two three-inch shade trees must be planted on the site for each 100 linear feet of foundation, or portion thereof, along the front and corner side yards;
 - b. Three three-inch under story or ornamental trees must be planted on the site for each 100 linear feet of foundation, or portion thereof along the front and corner side yards; and/or
 - c. Three six to eight-foot evergreens must be planted on the site for each 100 linear feet of foundation, or portion thereof along the front and side yards.

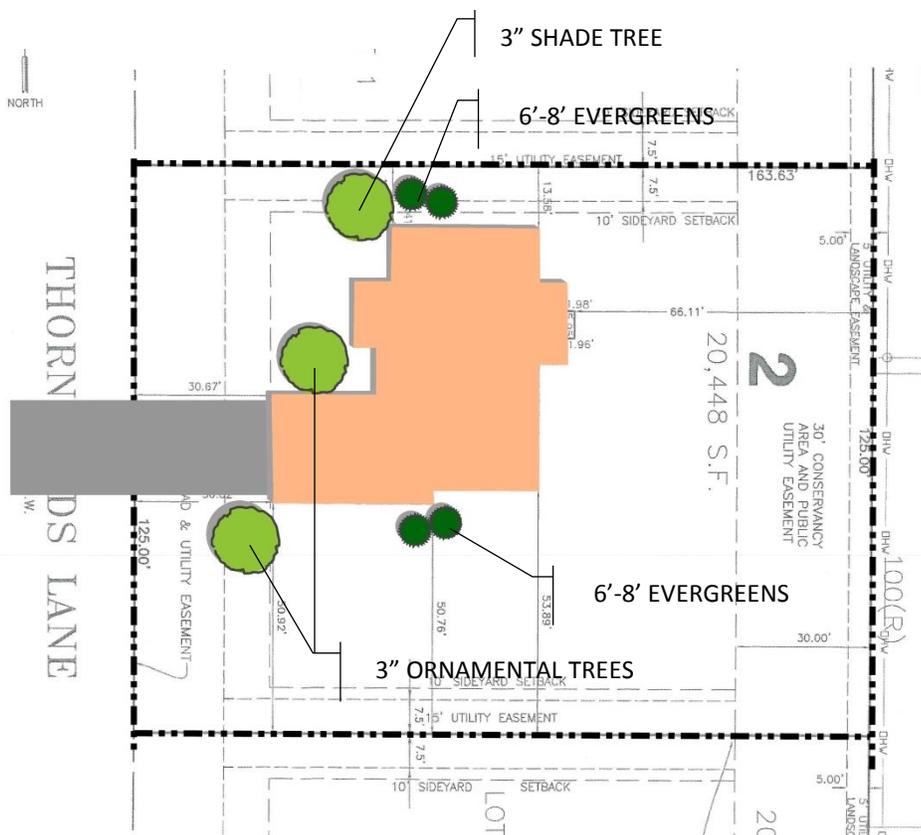


Illustration:

Lake Forest Regulations Applied to Single-Family Lot in ForestView Subdivision

SINGLE-FAMILY LANDSCAPE SUMMARY SHEET

8.11 | June 22, 2015 RVB

Bannockburn

- A. Minimum landscaped bufferyard requirements between properties, at various district boundaries, and along certain rights-of-way. These bufferyards will function to provide screening to reduce potential nuisances such as litter, noise, light intrusion, and odor and to mitigate adverse impacts associated with changes in building scale and land use intensities.
- C. Location. Bufferyards shall be located along and shall extend to all lot or boundary lines, and may be located on any portion of any public or private right-of-way. Bufferyards along all streets may be located entirely within the right-of-way.
- D. 1. Opacity Value:
 Residential adjoining Residential: %50
 Residential adjoin right-of-way: 100% (Rt. 22 & Waukegan Rd), 40% all other streets

2. Number of Plants:
 40%: 20' width, 3.20 number of plant units
 40%: 25' width, 2.95 number of plant units
 50%: 30' width, 3.55 number of plant units
 50%: 40' width, 2.95 number of plant units
 100%: 60' width, 3.25 number of plant units

- E. Select Pant Materials: For purposes of this Code, the plant materials required shall be measured in terms of "Plant Units" which may be established by selecting from any of the alternatives listed in the following Table of Plant Unit Alternatives:

TABLE OF PLANT UNIT ALTERNATIVES	
Plant Unit Alternative	Quantity, Size at Planting,*** & Type of Plants Required to Equal 1 Plant Unit
ALTERNATIVE UNIT A	1 3" caliper Canopy Tree 1 1½" caliper Understory Tree 1 8' high Evergreen Tree 11 3' high Shrubs
ALTERNATIVE UNIT B	1 3" caliper Canopy Tree 2 1½" caliper Understory Tree 13 3' high Shrubs
ALTERNATIVE UNIT C	2 1½" caliper Understory Tree 3 8' high Evergreen Trees 7 3' high Shrubs
ALTERNATIVE UNIT D*	4 8' high Evergreen Trees 15 3' high Shrubs
ALTERNATIVE UNIT E**	2 3" caliper Canopy Trees 3 3' high Shrubs
<p>*Preferred for year-round screen.</p> <p>**Permitted only where visibility is necessary for safety of automobile operation.</p> <p>***Notwithstanding the minimum plant unit sizes listed in the above chart, at least one-third of the required Evergreen Trees shall be no less than 12' in height, at least one-third of the required Canopy Trees shall be no less than 5 caliper inches in size, and at least one-third of the required Understory Trees shall be no less than 3 caliper inches in size.</p>	

SINGLE-FAMILY LANDSCAPE SUMMARY SHEET

8.11 | June 22, 2015 RVB



Illustration:

Bannockburn Regulations Applied to Single-Family Lot in ForestView Subdivision

Deerfield

Parkway trees only.

Highland Park

Parkway trees only.

Northbrook

Parkway trees only.

Winnetka

Parkway trees only.

REQUEST FOR BOARD ACTION
Committee of Whole
June 8, 2015

Subject:	Text Amendments to Landscaping regulations
Action Requested:	CONTINUED Consideration and Discussion of an Architectural Review Board recommendation regarding Text Amendments to Chapter 2 of Title 13, Landscaping, of the Lincolnshire Village Code to update the Village's landscaping regulations
Originated By/Contact:	Stephen Robles, Village Planner Department of Community & Economic Development
Referred To:	Architectural Review Board

Background:

- At the May 11th Committee of the Whole meeting, Staff presented the proposed text Amendments to Chapter 2 of Title 13, Landscaping, as recommended by the Architectural Review Board.
- The Board requested this item return to include copies of the tracked edits ("redline") of the proposed revisions for further Board consideration.
- Staff's previous summary of the proposed code revisions has been reformatted in an effort to provide clarity regarding the proposed revisions.

Project Summary:

Following, is a summary of major areas of change in the Draft amendment (*for specific detail, please see attached Draft Code*):

- **Problem 1:** The current Landscaping Code does not contain any purpose statement(s) to outline the reasons for the regulations. Traditionally, zoning regulations begin with a purpose statement to identify the objectives of the given code regulations. Although not zoning regulations, objective statements should be included.

Solution 1: The first Section (Sec. 13-2-1: Purpose) has been established to include the following three statements:

- A. Promote and maintain the high quality visual appearance and environmental benefits throughout the year through landscaping and preservation of native vegetation.
 - B. Encourage and promote the implementation of best management practices to minimize erosion and stormwater runoff in a manner which provides functionality and visual appeal.
 - C. Enhance the visual and environmental character of the Village's built environment through the utilization of conscientious landscape design.
- **Problem 2:** In recent years, staff has seen an increase in requests for entire landscaping replacements of non-residential property. Unless tree removal is "*due to region wide infestation or disease*", holistic changes to commercial landscape plans are not permitted without approval by the ARB. This discourages a property owner from reinvesting in the property through landscape improvements.

Solution 2: Section 13-2-3 has been reorganized and includes five criterion to allow replacement of existing plants on non-residential zoned lots, which would not require ARB review (see Sec. 13-2-3(B)(2) for specific criteria).

- **Problem 3:** Current landscape screening regulations require planting a visual barrier to certain unattractive/monotonous elements of a site plan. This requirement does not account for the visual obstruction such plantings may create for customer visibility to signage, parking, storefronts, etc.

Solution 3: Landscape Screening has been pulled out into its own section (13-2-4) and revisions clarify those portions of a building which do not contain a primary architectural element must be screened. Standard foundation plantings requirements remain suitable for all “front of the house” areas of the building and have not changed. Parking lot screening has been significantly revised by establishing two categories: 1) residential zoning districts, and 2) non-residential zoning districts, with regulations appropriate for each type of parking lot. Landscaping for parking lot islands has also been expanded to require under story plantings.

- **Problem 4:** The existing section titled “Landscape Improvements to Private Property” is not clear on what types of land are subject to the regulations since *all non-Village property* is considered “private property”.

Solution 4: This Section has been retitled as “Single-Family Residential Requirements” (13-2-5) and relocated from the General Requirements into a stand-alone section for improved clarity. Landscape plan requirements for single-family residential subdivisions have also been located in this section for consistency.

- **Problem 5:** There are currently no regulations requiring landscaping for large parcels which may not have woodland/vegetation features. If subdivided for residential lots, there are no code requirements to provide a basic level of landscaping for new homes.

Solution 5: The ARB supported the concept that a minimum level of landscaping/plantings should be required for new single-family residential home construction. Staff developed the table below to identify the quantity, distribution, and tree type for a single-family residential lot (which would only apply to new home construction):

Yard	Minimum Number of Trees*	Size at Planting
Front Side Corner Side	2 (1 tree shall be located in Front Yard)	2.5” DBH non-evergreen tree or 8’ evergreen tree
Rear	2	2.5” DBH non-evergreen tree and 8’ evergreen tree

* Existing vegetation located within dedicated Conservancy Easements/Areas shall not be used to achieve compliance with the above requirements.

- **Problem 6:** Requirements for landscape improvement deposits (letters of credit) for new developments are located in Chapter 2. However, all other public improvement deposit requirements are located in the Subdivision and Land Development Code (Title 7). This fragmentation could lead to missing deposits for landscaping improvements.

Solution 6: The current Landscape Improvement Deposit section (*previously 13-2-2*) will be relocated to Title 7 for consistency with other improvement deposit requirements.

- **Problem 7:** Currently titled “Business/Commercial Developments”, the commercial landscaping requirements set forth in this section include a tree distribution chart, which currently requires a variety of trees totaling 34 trees per acre, as follows:

TYPE	SIZE	TREES/ACRE
Deciduous Shade Trees	2” – 2 ½”	6
	3” – 4”	5
	4 ½” and larger	5
Ornamental Trees	6’ – 8’	4
	8 ½” and larger	4
Evergreen Trees	6’ – 8’	4
	8 ½’ – 10’	4
	10 ½’ and larger	2

Staff analyzed two commercial properties to determine if the existing tree planting requirements remain viable. In both samples, neither site achieved code compliancy with the required tree types. However, the quantity of trees inventoried was more than required for each sample site.

Solution 7: This section has been renamed as “All Other Property Requirements” (Sec. 13-2-6) to clarify the regulations apply to all non-single-family residential property.

Additionally, the minimum number of required trees has been reduced to 30 trees per acre and the balance of tree variety has been revised to create better opportunities for open view corridors to commercial properties.

Per the May 11th Village Board discussion, language has been added to allow flexibility in tree species based on site conditions, but the minimum quantity remains. The revised minimum tree requirements are as follows (Sec.13-2-6(5)):

The minimum number of trees per acre of remaining green space (parcel of land excluding parking lots, building pads, water features and other hard surfaces) shall be planted in accordance with the following table. The distribution of tree species may be altered to achieve the desired landscaping effect based on site conditions and surrounding land uses, provided that the total number of trees shall not be reduced.

TYPE	SIZE	TREES/ACRE
Deciduous Shade Trees	2” – 4” DBH	6
	4½” + DBH	6
Ornamental Trees	6’ – 8’ DBH	4
	8½” + DBH	4
Evergreen Trees	8’ height	5
	10’ + height	5

- **Problem 8:** Landscape requirements for stormwater (detention) facilities are to insure design, construction, and maintenance provides functionality and visual appeal. The existing regulations contain detailed specifications which require substantial knowledge in the
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installation, monitoring and maintenance of native vegetation suitable for stormwater facilities. These regulations require personnel with professional expertise no longer part of the Village administrative structure.

Solution 8: The Landscape Requirements for Stormwater Facilities (13-2-8) section has undergone substantial restructuring to remove Village required review/authorization of documents and plans in favor of a qualified environmental consultant. This consultant will help ensure the Village continues achieving the highest level of stormwater runoff reduction through the use of native vegetation. The proposed revision does not require creation of additional plans more than existing regulations. However, the review of an outside consultant is required to insure compliance. This changes a function once completed in-house by staff to use of an outside consultant. Many of the appendices have also been incorporated into the text for continuity.

- **Problem 9:** The current Landscaping Code contains a series of Appendices (I-VI). Included is “Appendix III Conservancy Area Restoration Requirements” outlining the minimum requirements for the restoration of damaged designated conservancy areas. While very important, there is no reference to this Appendix III within the body of the Landscaping Code creating uncertainty of the application of the requirements.

Solution 9: Appendix III will be relocated to Chapter 1, Tree Preservation, to coincide with Section 13-1-9: Special Rules for Conservancy Area Restoration as that section contains regulations for conservancy area restoration. The appendix will be added as “Appendix B” to correlate with the code regulations.

Recommendation:

Consideration and discussion of text amendments to Chapter 2 of Title 13 of the Lincolnshire Village Code to update the Village’s landscaping regulations, and placement on the June 8th Consent Agenda.

Reports and Documents Attached:

- Draft Ordinance and Code Revisions, prepared by Village Attorney Simon and Staff.
- Staff Memorandum of the May 11th Committee of the Whole.
- Redline Version of Draft Code Revisions, prepared by Staff.

Meeting History	
Preliminary Evaluation (COW)	June 23, 2014
ARB Discussion	September 16, 2014
ARB Discussion (Tabled)	January 20, 2015
ARB Discussion (Tabled)	February 17, 2015
ARB Discussion	April 21, 2015
COW Discussion	May 11, 2015
Current COW Discussion	May 26, 2015