

Village of Carol Stream

SPECIAL WORKSHOP MEETING

MONDAY AUGUST 17, 2015

6:30 P.M.

GREGORY J. BIELAWSKI MUNICIPAL CENTER

**500 N. GARY AVENUE
CAROL STREAM, ILLINOIS 60188**

VILLAGE BOARD ROOM

AGENDA

1. CALL TO ORDER
2. ATTENDANCE
3. DISCUSSION OF PROGRAMS OFFERED BY THE CONSERVATION FOUNDATION.
Tree Planting and Pollinator Meadow Mix Programs.
4. OTHER BUSINESS
5. ADJOURNMENT

Village of Carol Stream

Interdepartmental Memo

TO: Joe Breinig, Village Manager

FROM: Philip J. Modaff, Director of Public Works

DATE: August 13, 2015

RE: Workshop Presentations – The Conservation Foundation – Pollinator Meadow Mix in Turf Areas and Tree Planting

I have arranged for Jim Kleinwachter from The Conservation Foundation (TCF) to attend a workshop on Monday, August 17, for the purpose of discussing two initiatives:

1. TCF's efforts to encourage business, residents and local governments to return some turf areas to native planting through the use of their exclusive Pollinator Meadow Mix
2. TCF's program designed to encourage residents to plant native trees and their upcoming tree sale at the WRC Open House on October 3.

Native Plantings in Public Properties

Following the unintended damage to turf earlier this year in several parkways maintained by the Village, staff has been examining options for restoration. The Public Works Department reached out to The Conservation Foundation (TCF) to assist in evaluating options for restoring these areas. TCF has developed a program that promotes replacement of typical turf grass in appropriate locations with native plantings.

The Conservation Foundation's Pollinator Meadow Mix is an alternative to traditional turf grass, and provides colorful native plants specifically designed to keep a low profile. While TCF has successfully worked to establish these plantings at schools, churches, parks and corporate campuses, they are also promoting its use along selected roadsides and detention basins.

The Conservation Foundation's Pollinator Meadow Mix contains a mixture of short-growing perennial flowers, grasses and sedges, and buffalo grass that are native to Illinois. It was developed in partnership with three landscaping firms: The Pizzo Group, Applied Ecological Services, and Cardno. All three companies sell the mix and offer installation and maintenance services. The Conservation Foundation will receive a donation of \$1/pound of Pollinator Meadow Mix sold.

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Jim Kleinwachter will share information on the benefits of the Pollinator Meadow Mix, which include:

- Reduces maintenance cost compared to turf grass by reducing mowing, water and fossil fuel consumption
- Increases water absorption
- Increases habitat for wildlife and pollinator insects
- Increases carbon sequestration
- Enhances curb and aesthetic appeal

At the workshop staff will introduce a recommendation to use the Pollinator Meadow Mix in several of the turf-damaged areas:

- **The four flood buyout properties (on Illini and Silverleaf)** – since these properties cannot be developed and future use must remain passive, staff identified these as good demonstration sites for residential property owners to consider use of these plantings on their own properties. There is a possibility for educational signage and walking paths within and between the properties.
- **Kuhn Road from Birchbark to Deerskin (west side only – both sides of bike path)** - this area was selected due to the wide parkway, adjacent bike path, high traffic volume and proximity to the high school (for possible study or upkeep by a class or ecology club). Also, the proximity to a very large detention basin offers the opportunity for future expansion of the plantings into a portion of the basin to reduce maintenance costs.

I have worked with one of the selected TCF cooperating vendors for a cost estimate to do the following work:

- Killing off remaining vegetation
- Tilling or disking the property
- Installing Pollinator Meadow Mix seeding
- Straw mulch

It is strongly recommended that if the Pollinator Meadow Mix is approved that it be professionally installed and maintained (inspections, spot herbiciding and high mowing) for the first two years as the plants get established. The seeding area will have a small bloom after one year as native plants build root systems, and should be fully matured and in bloom by the third year. Ongoing maintenance still is needed, but at a significant cost reduction compared to that of grass turf. Planting in early Fall is recommended.

The estimated cost of installing the mix is approximately \$11,600, which is comparable to the cost for restoring with grass seed. Two years of maintenance would cost another \$7,600.

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Tree Planting Program

With the devastation caused to trees on public and private property by the Emerald Ash Borer The Conservation Foundation is working to encourage residents and businesses to plant appropriate native trees. The Village is working in concert with TCF to provide education and to provide opportunities for residents to buy trees through TCF.

Jim Kleinwachter will provide a presentation at the Workshop on the TCF program which will be recorded and played on the cable channel. Attached you will find an order form that residents can use to pre-order trees for pick-up at the WRC Open House on Saturday, October 3, between 10:00 am and 2:00 pm. Trees will be available in 5-gallon buckets, approximately three feet in height at an attractive cost of just \$30.00 per tree. TCF staff and volunteers will be at the Open House to talk with residents about proper site location and proper planting methods.



Village of Carol Stream Native Tree Sale



Order Pickup:

Saturday, October 3rd, 2015, 10am to 2pm

Water Reclamation Open House—245 Kuhn Rd, NE Corner of Kuhn Rd & North Ave

Name (Print Clearly) _____

Address/PO Box _____

City/State/Zip _____

Phone # _____ Cell # _____

Email _____

Please complete this form and return it with your payment to:

Attn: Jan Roehll, The Conservation Foundation
10S404 Knoch Knolls Rd
Naperville, IL 60565

Orders are limited to stock availability. Order early to get the best selection.

Please make checks payable to The Conservation Foundation.

	Species	Description (approx. ht.)	Price	Quantity	Total \$	Mature Height
Deciduous Trees	Paper Birch (<i>Betula papyrifera</i>)	5 gallon, 3 ft.	\$30			50-60 ft.
	Blue Beech (shrub form) (<i>Carpinus caroliniana</i>)	5 gallon, 3 ft.	\$30			15-20 ft.
	Hackberry (<i>Celtis occidentalis</i>)	5 gallon, 3 ft.	\$30			50-60 ft.
	Shingle Oak (<i>Quercus imbricaria</i>)	5 gallon, 3 ft.	\$30			40-50 ft.
	Bur Oak (<i>Quercus macrocarpa</i>)	5 gallon, 3 ft.	\$30			50-80 ft.
	Chinquapin Oak (<i>Quercus muehlenbergii</i>)	5 gallon, 3 ft.	\$30			50-80 ft.
	Pin Oak (<i>Quercus paulustris</i>)	5 gallon, 3 ft.	\$30			60-70 ft.
	American Linden (<i>Tilia americana</i>)	5 gallon, 3 ft.	\$30			50-70 ft.
Deciduous Shrubs	New Jersey Tea (<i>Ceanothus americanus</i>)	5 gallon	\$30			2 ft.
	Buttonbush (<i>Cephalanthus occidentalis</i>)	5 gallon	\$30			8-12 ft.
	American Filbert (<i>Coryllus americana</i>)	5 gallon	\$30			8-10 ft.
	Spicebush (<i>Lindera benzoin</i>)	5 gallon	\$30			6-12 ft.
	Ninebark (<i>Physocarpus opulifolius</i>)	5 gallon	\$30			8-10 ft.
	Smooth Sumac (<i>Rhus glabra</i>)	5 gallon	\$30			10 ft.
	Wild Black Currant (<i>Ribes americanum</i>)	5 gallon	\$30			3 ft.
	American Elderberry (<i>Sambucus canadensis</i>)	5 gallon	\$30			8-10 ft.
	Nannyberry (<i>Viburnum lentago</i>) (short)	5 gallon	\$30			15 ft.
Totals					\$	

Debit/Credit Card Number



Expiration:

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Print your name as it appears on your card:

Questions? Please call Jan Roehll at 630-428-4500, Ext. 121 or email her at jroehll@theconservationfoundation.org

The tree descriptions can be found online at www.theconservationfoundation.org

Office Use Only Ent/Notified Order #
Date