

# **Village of Carol Stream**

## **Special Meeting of the Village Board**

### **Discussion of Programs offered by the Conservation Foundation**

Gregory J. Bielawski Municipal Center  
500 N. Gary Avenue, Carol Stream, IL 60188

August 17, 2015  
6:30 p.m. – 7:17 p.m.

### **Meeting Notes**

#### **ATTENDANCE:**

**Mayor Frank Saverino, Sr.**  
**Trustee Dave Hennessey**  
**Trustee John LaRocca**  
**Trustee Rick Gieser**  
**Trustee Mary Frusolone**  
**Trustee Matt McCarthy**  
**Village Clerk Laura Czarnecki**

**Joseph E. Breinig, Village Manager**  
**Bob Mellor, Assistant Village Manager**  
**Chris Oakley, Asst. to the Village Manager**  
**Marc Talavera, IS Director**  
**Jim Knudsen, Director of Engineering**  
**Phil Modaff, Director of Public Works**  
**Ed Sailer, Police Chief**

The meeting was called to order at 6:30 p.m. by Mayor Frank Saverino, Sr. and the roll call read by Village Clerk Czarnecki. The result of the roll call vote was as follows:

Present: Mayor Saverino, Sr., Trustees Hennessey, LaRocca, Gieser, Frusolone, and McCarthy

Absent: Trustee Schwarze

#### **Discussion of Programs offered by the Conservation Foundation**

Director of Public Works Phil Modaff introduced Jim Kleinwachter from the Conservation Foundation who spoke on the value of planting native species in landscapes. The Conservation Foundation proposed planting a pollinator meadow mix in place of sod which helps the environment, saves gas, and reduces maintenance costs. Maggie from Applied Equalogic services described the cost savings of planting native species vs. planting sod.

The Conservation Foundation Programs consisted of the following:

##### **The McDonald Farm Today**

- 60 acres in all
- 49 acres in agriculture
- Butterfly garden
- Solar panels
- Native prairie
- Organic farm
- Wind turbine
- Wetland area

## Rain Barrel Program

### ● Biophilia

- Describes an instinctive bond between humans and other life forms
- Explains our need for pets, houseplants, trees, birds, animal channel. . .
- Helps explain why we live and vacation along lakes, seashore and mountains. . .
- Embracing this will make us happier and healthier than suppression of this biological need

## Conservation at Work

## Conservation at Home

### Thinking Eco-Friendly

- Water Conservation
- Getting our property functioning naturally
- Wildlife attraction-food, shelter, nesting
- Less chemical/fertilizer use
- Less grass?
- Soil rebuilding-healthy soil
- More Oak trees!

### Plants are not Décor!

- The energy that flows through our ecosystems is obtained from the sun.
- Plants convert sun to usable energy. . . .

### Landscape as if life depended on it. . . .

- Landscape ecology is the science of studying and improving relationships between urban development and ecological processes in the environment and particular ecosystems

## Deep-Rooted Species

### The Benefits of Trees

- Trees increase property values  
Homes are worth 4% to 15% more and sell faster than homes without trees.
- Trees conserve energy  
Three trees strategically placed around a home can reduce air conditioning needs by up to 50%.  
By reducing the amount of electricity for the air conditioner, we can reduce carbon dioxide and other pollution from power plants.
- Trees reduce stormwater runoff and reduce water pollution  
Trees reduce runoff by breaking rainfall, allowing the water to flow across the leaves and branches to the tree trunk and into the ground where it is absorbed by the tree's roots. When mulched, the trees act like a sponge to absorb the water.
- Trees protect us from the sun  
Ultraviolet light, from the sun, can reduce UV exposure by 50 percent, thus providing protection to adults and children.
- Trees cool your community

Through the release of water vapor into the air through their leaves and the effect of their shade on buildings and pavement, a shade tree can reduce the surrounding air temperature by 10 to 15 degrees. This cooling effect reduces the "heat island effect" that contributes to global warming.

- Trees provide food and shelter for wildlife  
In the past 40 years, half of the songbird species have disappeared. Birds, bees and other wildlife depend on trees for their food supply and shelter.
- Trees provide oxygen and remove air pollutants  
In one year, an acre of mature trees can provide enough oxygen for 18 people. They also remove carbon dioxide, sulfur dioxide, and other pollutants and fine particles from the air.

#### The real value of Trees

- Trees shade and cool our homes
- Provide shelter and food for many
- Pleasing to look at/Desirable for resale
- Lowers crime in tree lined streets
- Adds oxygen to air
- Native trees feed birds and butterflies!

#### Oaks-Number 1 for wildlife

- Oak trees support an astounding 543 species of Lepidoptera (i.e., moths and butterflies).
- 60 species of birds feast on the insect life.
- Blue jays, flickers, turkeys, squirrels, deer, mice and more rely on acorns.
- One blue jay can bury up to 4,500 acorns each fall – and recovers 1 in 4.

#### Quercus – Oaks

- 60+ species, including brown thrasher, blue jay, nuthatches, woodpeckers, and titmouse
- Acorns; insects; shelter; nesting
- White Oak – state tree – Quercus Alba
- One of the hardest wood types

#### Meadow Mix – Grass Replacement Product

#### Low Profile, Colorful, Low Maintenance, Sustainable-and ½ cost of turf grass

#### The Dollars and Sense?

- Americans spend 40 Billion dollars yearly on grass care – 20 Million Acres!
- Largest crop-covering USA
- Lawnmowers account for over 5% of the total air pollution
- Watering of lawns account for 30% of the total water use

#### Bio swale = Functional ditch. . . . .

#### Stabilization


- Turf Grass Shoreline
- Native Shoreline

#### Trails and waterways great places to improve habitat

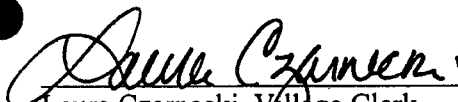
The Conservation Foundation Tree Sale will take place on October 3, 2015 and can be viewed at [www.conservationfoundation.org](http://www.conservationfoundation.org).

There being no further business, Trustee McCarthy moved and Trustee Frusolone made the second to adjourn the Special Board meeting. The meeting was adjourned unanimously at 7:17 p.m.

FOR THE BOARD OF TRUSTEES

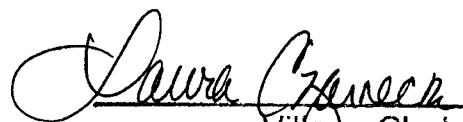
  
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Frank Saverino, Sr., Mayor

ATTEST:

  
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Laura Czarnecki, Village Clerk

Minutes approved by the President and Board of Trustees on this

8<sup>th</sup> day of September 2015.

  
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Village Clerk