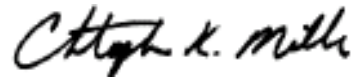


ROSEVILLE
REQUEST FOR COUNCIL ACTION

Date: 10/11/10
Item No.: 11 . a

Department Approval

Acting City Manager Approval



Item Description: Emerald Ash Borer (EAB) Management Plan and Progress

BACKGROUND

Roseville is within two miles of the first known Minnesota infestation of Emerald Ash Borer (EAB). We can expect that EAB will be found in Roseville.

In an effort to take a proactive approach and to slow the movement of EAB into Roseville, a grant application was submitted and obtained in January 2010 from the Minnesota Department of Agriculture. With the help of that grant the city will be able to complete a comprehensive street tree inventory and plan.

At this time it is appropriate that the City Council discuss and approve a plan forward. Attached is a very succinct Roseville EAB Management Plan with very specific elements that have been previously discussed with the Parks and Recreation Commission and the City Council. Plan components are identified as well as progress made on each one.

Addressing EAB is a new program and is proposed in the 2011 budget.

POLICY OBJECTIVE

This plan is consistent with managing the city forest resources.

FINANCIAL IMPLICATION

The EAB Program proposed in the 2011 budget is \$100,000.

STAFF RECOMMENDATION

Adopt the EAB management plan as presented.

COUNCIL ACTION REQUESTED

Motion adopting the EAB Management Plan and approach as presented.

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**Roseville Parks and Recreation
Emerald Ash Borer (EAB) Management Plan
Prepared June 2010
Plan and Progress Update - September 28th, 2010**

1 1). Introduction

2 a. Purpose

- 3 1. Mitigate the spread of EAB
- 4 2. Address public needs in an efficient and effective manner
- 5 3. Distribute costs over a manageable time period
- 6 4. Lessen social and economic impact
- 7 5. Maximize and maintain long-term benefits of the urban forest
- 8 6. Maintain consistency and coordinate actions across jurisdictions
- 9 7. Provide education and city strategy to the community
- 10 8. Assure a plan is in place to re-plant as removals occur

11 b. Administration

- 12 1. Administration is currently the responsibility of the Parks and
- 13 Recreation Department.
- 14 2. Parks and Recreation Commission is the city official "Tree Board".
- 15 3. Coordination of city resources and communication of ongoing
- 16 efforts is essential.

17 c. Applicability

- 18 1. Public properties (city and county)
 - 19 i. Rights of way
 - 20 ii. Boulevards
 - 21 iii. Parks and open space
 - 22 iv. Others
- 23 2. Private properties (under current ordinance, full responsibility lies
- 24 with the private ownership)
 - 25 i. Residential
 - 26 ii. Commercial
 - 27 iii. Industrial
 - 28 iv. Inspection as allowed by ordinance
 - 29 v. Education
 - 30 vi. Other

31 d. General Status of EAB in the metropolitan area

- 32 1. EAB has not been identified in the City of Roseville proper.
- 33 2. EAB has been identified in the City of St. Paul in the St. Anthony
- 34 area and the University of Minnesota St. Paul Campus.
- 35 3. EAB has been identified in the City of Minneapolis in Tower Hill and
- 36 Prospect Park areas.
- 37 4. EAB in the Minneapolis and St. Paul locations are about 1 mile
- 38 apart.
- 39 5. Roseville is within approximately 2 miles of know infestation.

1
2 2). Plan Components

3 A. Inventory

4 1. Description:

- 5 i. Determine numbers, size, location and initial condition of all
6 public trees, especially ash trees.
7

8 2. Progress:

- 9 i. Street tree inventory 100 % complete –being downloaded
10 into recently purchases grant funded software program
11 (Davey Tree Keeper) with reporting ability.
12
13 ii. Currently in process of collecting tree inventory data in
14 parks, golf course, arboretum, city hall, fire stations and all
15 other city properties.
16
17 iii. New tree inventory software will allow full analysis of the tree
18 inventory data. Initially to determine the number of city-
19 owned ash trees and then how best to manage them.
20

21 B. Identify Management Options

22 1. Description:

- 23 i. Do nothing.
24
25 ii. Reactive approach: wait until tree is infested with EAB
26 before removing.
27
28 iii. Proactive approach #1: systematically remove trees prior to
29 them being infested with the thought that if done prior to the
30 arrival of EAB it may lesson a budget strain and help slow
31 the spread to other properties.
32
33 iv. Proactive approach #2: pesticide treatment, injection, basal
34 drench or spray, determine “significant” trees.
35
36
37 v. Replacement of trees: replace trees on a one to one basis.
38

39 2. Progress:

- 40 i. The EAB Management Plan will incorporate a combination of
41 approaches.
42
43 ii. Removal: through the street tree inventory the poorest
44 condition ash trees will be identified, removing a percentage
45 of those trees annually. The 2010 grant will allow up to 23
46 trees.

- iii. Treatment: healthy ash trees on city property that are determined to be of "significance" because of their function and/or their valuable location will be treated by injection. An analysis is being completed comparing the cost of treatment by a contractor vs. in-house cost.
- iv. Replanting: It is an essential and integral part of this plan to include replanting appropriate replacement trees as the boulevard ash trees are removed. The 2010 grant will allow up to 23 trees.
- v. Private property: It has been an expressed desire from some residents to have the ability to purchase a product or service at a city rate should the city enter into a volume contract.

C. Ordinance

1. Description:

- i. To update the current city forestation control ordinance #706 to include EAB and other appropriate modifications.
- ii. Involve the Parks and Recreation Commission in the ordinance review, revision and recommendation to the City Council for final adoption.
- iii. Determine if any changes are necessary to the ordinance including the role of the city and the role of the homeowner.

2. Progress:

- i. Current ordinance #706 has been distributed to the Parks and Recreation Commission and preliminarily discussed.
- ii. A draft ordinance update is in process with the Parks and Recreation Commission and the City Council discussions soon to follow.
- iii. We anticipate that in early 2011 the city will hold a public hearing for an updated forestation control ordinance.

D. Wood Handling

1. Description:

- i. Restrict movement per federal and state quarantine
- ii. Utilize wood
- iii. Will be lots of wood waste
- iv. Equipment/staff etc.

2. Progress:

- i. The City of Roseville is adhering to federal and state requirements.
- ii. Ramsey County is under a state quarantine.

- iii. The city requires all licensed tree removal contractors working in Roseville to complete an EAB compliance agreement.

E. Planting

1. Description:

- i. Fill in existing vacant sites.
- ii. Replant as trees are removed.
- iii. Develop a diverse population plan consisting of no more than 20% with a goal of 10% per specie.

2. Progress:

- i. Available planting sites are identified through the tree inventory.
- ii. The City of Roseville will begin planting in these locations as resources are made available. The 2010 grant allows for up to 23 trees.
- iii. The planting plan will account for a diverse tree population.

F. Outreach/Education

1. Description:

- i. Disseminating information on EAB to the public in as many methods as possible.
- ii. Disseminate information on the role of the city and role of the homeowner. Currently trees on private properties are the full responsibility of the owner and not the responsibility of the city.
- iii. Create public understanding.

2. Progress:

- i. The City of Roseville has been providing public information through the city newsletter, newspaper, flyers, public presentations, city website, facility and event displays, etc...
- ii. Public information meetings have been held at city facilities.
- iii. Staff has participated in numerous metro, state and national level meetings to discuss approaches, history and the future.

G. Training

1. Description:

- i. Ash and EAB identification, use of equipment, technical standards.

2. Progress:

- i. City staff has participated in a variety of training opportunities. This approach will continue as opportunities arise and as time allows.

1
2 H. Monitoring

3 1. Description:

- 4 i. Cooperate with DNR and Department of Agriculture
5 ii. Assistance to monitor the movement of EAB which may
6 delay arrival.
7

8 2. Progress:

- 9 i. EAB has not yet been identified in Roseville Proper. It has
10 been identified in the cities of Minneapolis and St. Paul
11 within 2 miles of Roseville.
12 ii. The City of Roseville cooperates with the Minnesota
13 Departments of Natural Resources and Department of
14 Agriculture.
15 iii. Numerous EAB traps are set throughout the city by the
16 Department of Agriculture.
17

18 I. Budgeting

19 1. Description:

- 20 i. EAB is considered a new program for the City and will
21 require resources.
22 ii. Even though EAB has not been identified in Roseville
23 specific, a designated carry over fund will be set up.
24

25 2. Progress:

- 26 i. EAB Preparedness grant was obtained in 2010 to complete
27 the tree inventory and begin to remove and replace up to 23
28 trees.
29 ii. In addition to the current diseased hazardous tree program,
30 a new EAB program has been proposed for 2011 to include
31 a \$100K budget to begin to treat ash trees of "significance"
32 and remove severely declining ash trees. This fund should
33 be utilized for EAB related expenses and should carry over
34 from year to year should there be any remaining.
35 iii. Proposed 2011 program budget may contribute to injection
36 equipment, product, contractual services, part time staffing if
37 qualifications can be found and removal and replacement of
38 ash trees.
39 iv. Research has been ongoing for the treatment of ash trees.
40 Tree- Age (product) insecticide with the Arborjet injection
41 method has been identified to be the longest tested and best
42 result to date.
43
44
45

- v. A determination is being made on the most cost effective method of treatment, specifically whether the treatment would be performed contractually or in- house (either way, additional resources for 2011 are necessary for the new program).
- vi. Grant opportunities will continually be sought – especially incident should there be one.
- vii. The cost of managing an infestation of the EAB should be planned as a regular ongoing program for the next 10 (ten) years and funded annually.
- viii. Management must include tree removal, tree replacement, and the lifetime treatment for ash trees of “significance”.
- ix. As EAB is found in Roseville the proposed budget should be reevaluated. The management scenario could be drastically different.