



**TO:** Members of Council  
**FROM:** Dianne Marshall, City Clerk's Office  
**DATE:** February 4, 2014  
**SUBJECT:** Information Packet

**1. Call Ups**

None

**2. Information Item**

A. 2014 Emerald Ash Borer in the City of Boulder

**3. Boards and Commissions**

A. Library Commission – December 4, 2013

B. Transportation Advisory Board – November 14, 2013

**4. Declarations**

A. Boulder Arts Week – March 28 – April 6

B. Radon Action Month – January 2014



## INFORMATION PACKET MEMORANDUM

To: Members of City Council

From: Jane S. Brautigam, City Manager  
Paul J. Fetherston, Deputy City Manager  
Jeff Dillon, Parks and Recreation Director  
Kathleen Alexander, City Forester  
Susan Richstone, Community Planning and Sustainability Deputy Director  
Lesli Ellis, Comprehensive Planning Division Manager  
Rella Abernathy, City Integrated Pest Management Coordinator

Date: February 4, 2014

**Subject: Information Item: 2014 Emerald Ash Borer in the City of Boulder**

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### EXECUTIVE SUMMARY

The purpose of this memo is to update City Council about the status of a newly discovered, federally quarantined ash tree pest, emerald ash borer (EAB), including:

- The background, impact and scope of the issue;
- Information about the federally-mandated and state-enforced quarantine of Boulder County;
- Most current information about the EAB infestation, including detection surveys, and an inventory of ash trees on city-owned properties;
- Staff action to develop a management plan; and
- Education and outreach efforts.

Ash is one of the most abundant tree species comprising approximately 15% of all deciduous trees in urban areas across Colorado, including the City of Boulder. Emerald ash borer is an introduced pest to the US, which was first discovered in 2002 and has since moved across the country to 21 states. North American ash trees have shown little resistance to EAB and over 50 million ash trees have died since 2002 from this pest. Research has shown that specific pesticide products are effective against EAB if used before trees are compromised by the pest and applied per label requirements. Pesticide applications are needed to preserve ash trees through peak EAB infestation; however, as local EAB populations decline due to death of untreated ash trees, it is possible that application frequency may be reduced.<sup>1</sup>

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<sup>1</sup> Emerald Ash Borer Management Statement; January, 2011.  
[http://www.emeraldashborer.info/files/conserve\\_ash.pdf](http://www.emeraldashborer.info/files/conserve_ash.pdf)

In late September, 2013, City of Boulder Parks and Recreation Forestry staff discovered an EAB infestation within the city. The infestation was confirmed by the US Department of Agriculture, Animal Plant Health Inspection Service (APHIS). This is the first known occurrence of EAB in Colorado. Ash trees do not show symptoms until several years after initial infestation and as a result, EAB is very difficult to detect until the pest is established within an area. Eradication and containment efforts across the country have been unsuccessful resulting in the loss of over 50 million ash trees.

EAB management, including tree removal, tree replacement, wood disposal and pesticide treatments, will have an enormous direct budgetary impact to the City of Boulder and private residents over the next 15 years. The loss of tree canopy will have significant economic, social, and environmental impacts for decades.

Staff is gathering information and working interdepartmentally with Parks & Recreation, Integrated Pest Management team, Open Space and Mountain Parks, Development Review, and other interested divisions and departments to develop an EAB work plan for 2014, which will be presented to council during the first quarter of 2014.

### **FISCAL IMPACT**

The 2013 US Forest Service (USFS) Metro Denver Urban Forest Assessment Report estimates there are 656,000 trees total in the city of Boulder with an appraised value of \$1.2 billion. There are approximately 38,000 total city park and public street rights-of-way trees under the jurisdiction of the Parks and Recreation Forestry Division; 4808 (approximately 13 percent) are either green or white ash trees with an appraised value of \$15.4 million. An inventory of ash trees on public property under the jurisdiction of other city departments has not yet been conducted. The exact number of ash on private property is unknown, but generalizing with an estimated 15 percent, the estimated number of public, private and naturalized ash along Greenways within the city is 98,000 trees.

Current non-personnel budget for the Forestry Division is \$280,000 for tree pruning, removals, replacement, wood disposal, integrated pest management (IPM) and the commercial tree program. Once EAB populations increase, management costs for EAB alone will exceed existing Forestry funding levels on an annual basis and additional staffing will also be required. Private property owners will also face significant costs over the next decade due to increased tree removal, proper wood disposal, replacement and/or treatment costs.

EAB populations expand exponentially. USFS models for the Midwest indicate that if ash populations within a community are left untreated, nearly 100 percent of ash trees are beyond treatment within 12 to 15 years after initial infestation. Public safety and deferred maintenance for tree species other than ash become major concerns when existing resources are dedicated to EAB management.

### **COMMUNITY SUSTAINABILITY ASSESSMENTS AND IMPACTS**

- Economic: Ash trees are found in commercial areas throughout the city and two blocks of Pearl Street Mall are predominantly green ash. Research has consistently shown that shoppers are more willing to pay for parking, goods, and



Figure 1 Green ash on Pearl Street Mall.

services in business districts with trees. Trees increase residential and business property values and the tax base; attract visitors, businesses, and new residents to an area and increase occupancy and rental rates of apartments and offices. Shading from trees can defer maintenance longer for materials that are degraded by heat such as asphalt and pavement.

- Environmental: Boulder’s urban tree canopy provides many environmental benefits to the community. Urban trees help mitigate climate change by contributing to reductions in carbon dioxide and other pollutants, improvements in water quality, stormwater runoff reduction and energy saving through shading surfaces and reduced cooling demand. Although ash trees comprise approximately 15 percent of the total tree population, they are large maturing, long lived trees and therefore contribute more environmental benefits than expected by their percentage in the urban tree canopy.

If left untreated, it is anticipated that all ash will die during the infestation period from EAB causing high tree canopy losses and subsequent loss of environmental, economic and social benefits. Pesticides are an important component in EAB management programs and are effective in the prevention and spread of EAB. However, pesticide treatments, whether public or private, can have impacts to non-target organisms and the environment; decisions about which pesticide product to apply and which trees to treat must be carefully balanced to provide the least overall harm to the environment.

- Social: Social scientists have shown trees and green spaces within cities provide social and psychological benefits and improve the quality of life for residents. Connection to trees and nature affects moods, activities and emotional health. It can reduce stress and mental fatigue, enhance mental health, enhance recuperation rates in hospitals, reduce psychological precursors to crime, and increase recreational opportunities. A community's urban forest is usually the first impression a community projects to its visitors and is an extension of its pride and community spirit.<sup>2</sup>

## BACKGROUND

The Emerald ash borer (*Agrilus planipennis*), an exotic wood boring beetle first discovered near Detroit, Michigan in 2002, has since spread to 21 other states where it has killed over 50 million ash trees. Scientists believe it was unintentionally brought to the US through infested ash crating or pallets from its native range in China.

EAB attacks only ash trees and all North American ash species (*Fraxinus* spp.), including green and white ash, are at risk. EAB larvae feed under the bark on the vascular tissues of the tree, which eventually kills it. EAB kills both stressed and healthy ash trees and at high population levels, can kill mature ash trees within two or three years after initial infestation.

On September 23, 2013, city of Boulder Forestry staff



Figure 2 Dead ash tree with emerald ash borer galleries in trunk.

<sup>2</sup> Landscape and Human Health Laboratory, University of Illinois at Urbana Champaign. <http://lhlh.illinois.edu/>

found EAB in a dead ash tree in the public right-of-way in northeast Boulder near Iris Avenue and 30<sup>th</sup> Street. Staff detected the beetles when sampling the ash tree prior to removal. Insect specimens were collected and sent to the USDA Systematic Entomology Laboratory in Michigan where the identity of the insects was confirmed. This was the first time this insect had been found in Colorado and is the western-most occurrence of this invasive pest in North America.

### Quarantine

EAB is a federally quarantined pest; APHIS therefore works with State cooperators to detect, control and prevent the human spread of EAB. Both federal and state government prohibits the movement of firewood and other ash wood materials outside the quarantined area. The Colorado Department of Agriculture (CDA) has imposed and will enforce a quarantine on the movement of all ash tree products and hardwood firewood out of Boulder County. After discussions with local trash haulers, CDA also included small portions of Jefferson and Weld Counties to include two landfills within the quarantine area to facilitate movement of flood debris and EAB-infested material. The state quarantine took effect on November 12, 2013; a federal quarantine will be in place by the end of February, 2014. A map of the quarantine area can be found in Attachment A.

### Detection Surveys

City Forestry staff and the CDA worked cooperatively to develop protocols for two detection surveys to determine the extent of infestation within the city.

1. Visual assessment: COB Forestry and CDA staff assessed all public and private ash trees within a half mile of the initial infestation. Hundreds of ash trees were assessed from ground level looking for symptoms of infestation, including large branch dieback in the crown, woodpecker damage and excessive sprouting. Symptomatic trees were climbed to view more closely. One dead ash tree and five symptomatic EAB-infested ash trees were removed within the same condominium complex near 30<sup>th</sup> Street and Iris Avenue.



Figure 3 Symptomatic ash tree in Northeast Boulder



Figure 4 Adult Emerald ash borer

2. Delimitation Survey: EAB is very difficult to detect in early stages. A delimitation survey was conducted to establish the boundaries of the area considered to be infested by EAB. The survey started on November 4, 2013 and was completed on January 15, 2014. The survey was conducted by staff from COB Forestry, CDA, APHIS, CSU Extension and forestry staff from nine nearby cities that graciously offered staff and equipment to assist with the survey.

The city was divided into plots or grids that are one square mile each. Crews removed two small branches from each of 10 public ash trees near the center of each plot. The bark was peeled from the branch samples and the wood examined closely for the presence of EAB larvae. All larvae found were sent to CSU for positive identification. Branch sampling protocols were developed by the Canadian Forest Service (CFS); they found by performing random branch sampling on asymptomatic trees with this technique, they were able to detect EAB several miles away from the original location before trees become symptomatic.<sup>3</sup>



Figure 5 Branch peeling and emerald ash borer larvae.

### Public Tree Inventory

The existing public tree inventory was last updated between 1999 and 2001 and updates were planned prior to the discovery of EAB. EAB has increased the priority for updates to the ash tree portion of the inventory. A tree inventory and asset management vendor has been contracted and ash tree inventory updates were recently completed. Information on the current condition class, tree diameter and recommended maintenance action was collected for green and white ash trees on public property under the jurisdiction of the city Forestry Division.

### Treatment Options

Since ash trees cannot survive an EAB infestation, the only option available to save the life of a tree is pesticide application. Research has shown that specific pesticide products are effective against EAB if used before trees are compromised by the pest and applied per label requirements. Because the EAB larvae feed under the bark, the most effective pesticides are systemic insecticides. Systemic insecticides are transported throughout the tree within its vascular tissues. Feeding by EAB larvae damages the tree's vascular system, as does damage from wounds and other pests. Only ash trees in good condition should be considered for treatment otherwise the pesticide treatments may not be effective. Before pesticides are considered, the impacts and tradeoffs for each product will be carefully weighed with the environmental and economic impacts of tree loss. The city of Boulder has an Integrated Pest Management Policy and any proposed action will be in compliance with the policy. The process for this analysis will be included in the EAB 2014 Work Plan.

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<sup>3</sup> Detection of emerald ash borer in urban environments using branch sampling, Canadian Forest Service, Sault Ste. Marie, Technical Note No. 111. <http://cfs.nrcan.gc.ca/pubwarehouse/pdfs/32127.pdf>

### Education/Outreach

Education and outreach is a critical component of any EAB Response Plan. Efforts are underway through city, county, state and federal agencies but many more are planned before the insect emerges in the spring.

- EPIC: A statewide working group, EPIC (Emerging Pests in Colorado), has collaborated over the past four years to raise industry and public awareness about the threat of EAB and other invasive pests through brochures, workshops and presentations. Participants included staff from the CDA, Colorado State Forest Service (CSFS), CSU Extension Service, APHIS, and foresters from several cities including Boulder, Denver and Fort Collins.
- Initial Meetings: In the weeks after receiving official confirmation of the pest in Boulder, city Forestry staff, CDA, CSFS and APHIS participated in meetings with pertinent city of Boulder staff, Boulder County personnel, Front Range city foresters, Boulder County tree care companies and local trash haulers to educate about EAB and gather input on the proposed quarantine.
- News Releases: Although the insect was found in Boulder, CDA took the lead initially on media releases due to the larger potential statewide impact. The City of Boulder has since distributed two news releases on the start of the delimitation survey and the quarantine.
- CDA has posted educational material about EAB on their website: [www.EABColorado.com](http://www.EABColorado.com); there is also information posted on the city Parks and Recreation website, <https://bouldercolorado.gov/pages/emerald-ash-borer>
- Tree Dissections: City Forestry has hosted a series of EAB “tree dissections” in cooperation with CSU Extension, CDA and APHIS staff. The dissections were geared toward forestry staff from other Front Range and Wyoming communities and tree care companies to exhibit the infested trees and demonstrate branch peeling techniques.



**Figure 6 Front Range foresters participating in emerald ash borer dissection at city of Boulder Park Operations facility.**

## **ANALYSIS**

The results from both the updated public ash tree inventory and the delimitation survey will be analyzed and used to develop a City of Boulder EAB 2014 Work Plan and ultimately an EAB Management Plan to manage the infestation within the city and potentially slow the spread to nearby communities.

### *Detection Survey*

The delimitation survey started November 4, 2013 and was completed on January 15, 2014. Attachment B shows the delimitation survey grid map. EAB was detected in five grids: E3, F3, G3, H3 and H4. EAB was not found in the sampled trees in other grids, but due to the flight ability of the insect and rate of spread in Midwest communities, other parts of Boulder are likely infested at low pest populations. City Forestry staff will continue efforts to monitor for EAB in all parts of the city.

CU Grounds staff also conducted a detection survey and found evidence of EAB in a group of green and white ash in the parking lot adjacent to the Space Sciences building on the CU East Campus (in Grid G3).

### *Public Tree Inventory*

Inventory information for ash trees in public street rights-of-way and in city parks was updated after the discovery of EAB in Boulder. The current inventory has 4,808 ash trees total with an appraised value of \$15.4 million; 1,267 trees in city parks and 3,541 in public street rights-of-way. The trees range in size from one to 48 inches in diameter. The Forestry Division has not planted ash trees since 2003, however ash is naturalized and many have seeded into natural areas in city parks or have been planted by adjacent property owners into street rights-of-way. Information on the current tree condition and recommended maintenance needs will be analyzed and presented to City Council during the first quarter of 2014.

### *Treatment Options*

Pesticide products from three different classes of systemic insecticides are available for treatment of EAB:

- Merit (imidacloprid) – a neonicotinoid insecticide that has been on the city’s approved pesticide list for several years
- TREE-äge (emamectin benzoate) – a “semi-synthetic” product derived from a soil bacterium that is a restricted use pesticide (may only be applied by a certified pesticide applicator).
- TreeAzin (azadirachtin) – a natural product derived from the seeds of the neem tree – certified for use under the USDA’s National Organic Program

Staff is assessing each of these products using documentation from the EPA and other regulatory agencies and open literature. Staff is also consulting with academic researchers, who are considered the leading experts in EAB management. Pesticides are being evaluated for efficacy of EAB control, as well as impacts to non-target organisms and the environment to determine which products will be used under different circumstances.

## **NEXT STEPS**

A 2014 EAB Work Plan will be developed and presented to City Council during the first quarter of 2014.

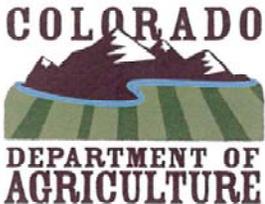
Next steps include:

- Establish an interdepartmental EAB Working Group;
- Develop City of Boulder Communications and Education/Outreach plan for EAB;
- Research and explore wood disposal options with Boulder County and Western Disposal;
- Update City Forestry contractor specifications;
- Research and coordinate with Community Planning and Sustainability's Development Review staff for possible code changes to facilitate EAB management;
- Update and request feedback from the Parks and Recreation Advisory Board and the Environmental Advisory Board.
- Develop the City of Boulder EAB Management Plan.

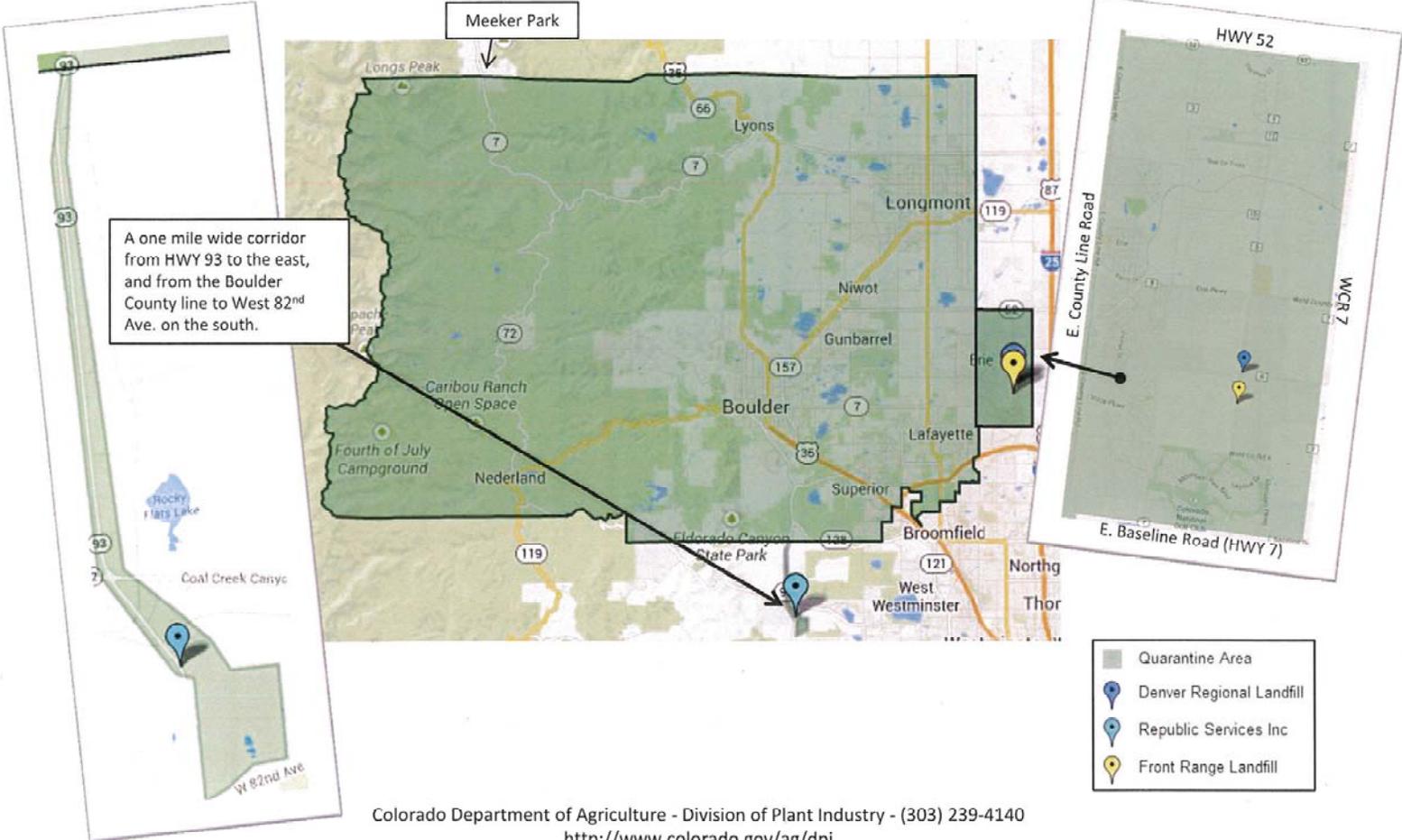
## **ATTACHMENTS:**

Attachment A – Emerald Ash Borer Quarantine

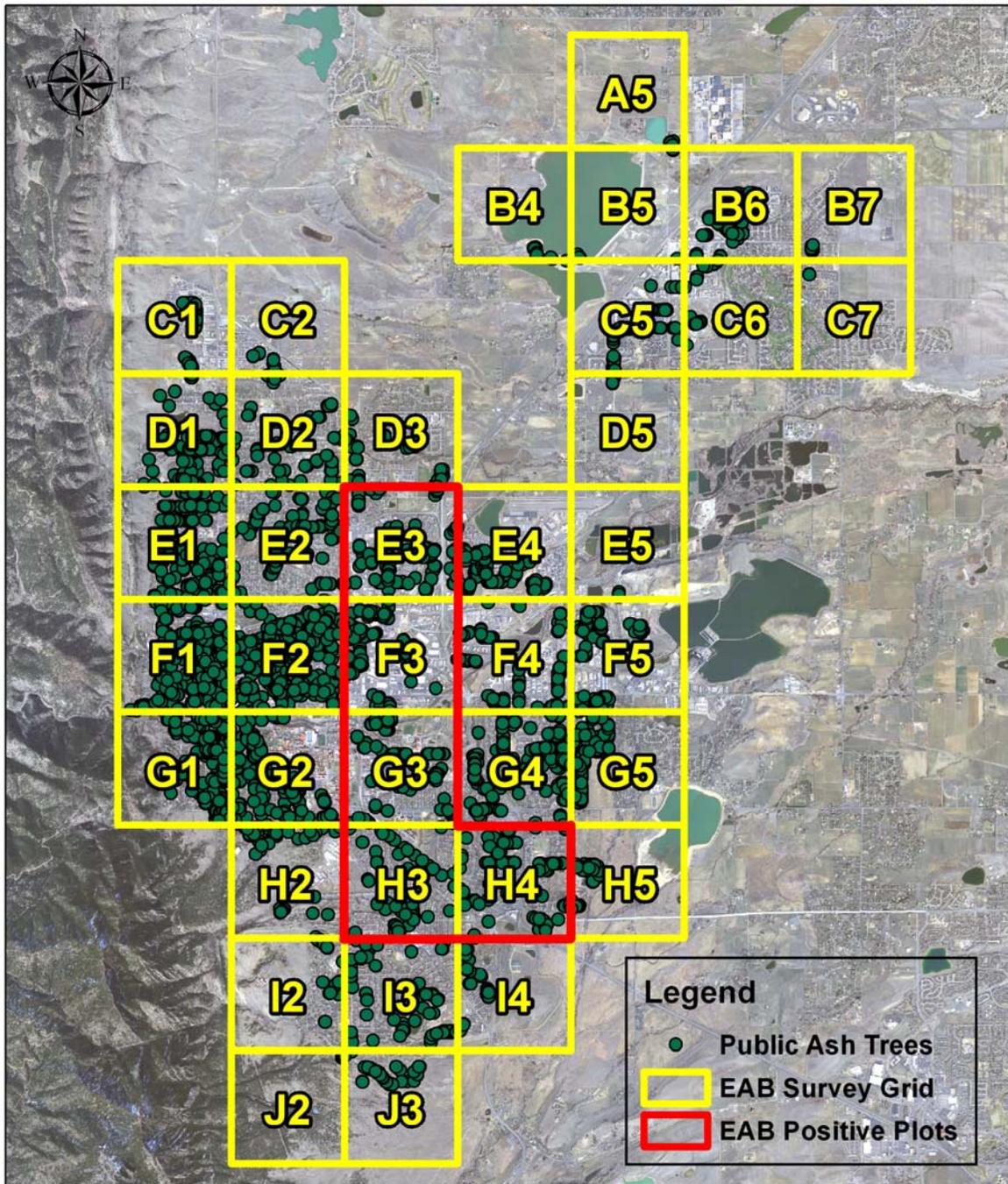
Attachment B – Emerald Ash Borer Delimitation Survey



# Emerald Ash Borer Quarantine



## Emerald Ash Borer Delimitation Survey City of Boulder



City of Boulder Urban Forestry  
 Aerial Photography 2012 DRCOG 6"  
 Map Production: January 17, 2014  
 Author: Kathleen Alexander



**CITY OF BOULDER  
BOULDER, COLORADO  
BOARDS AND COMMISSIONS MEETING  
MINUTES**

<b>Name of Board/ Commission:</b> Library Commission	
<b>Date of Meeting:</b> December 4, 2013	
<b>Contact Information Preparing Summary:</b> Leanne Slater 303.441.3106	
<b>Commission Members Present:</b> Anne Sawyer, Celeste Landry, Donna O'Brien, Anna Lull, Paul Sutter <b>Commission Members Absent:</b> None	
<b>Library Staff Present:</b> Maureen Rait, Executive Director of Public Works and Interim Director of Library & Arts Jennifer Miles, Deputy Library Director Leanne Slater, Administrative Specialist II Matt Chasansky, Arts and Cultural Services Manager	
<b>City Staff Present:</b> Glenn Magee, Facilities Design and Construction Manager Joe Castro, Facilities & Fleet Manager Jennifer Bray, Communication Specialist III Peggy Bunzli, Budget Manager	
<b>Boulder Teen Advisory Member Present:</b> Nick Bozik	
<b>Public Present:</b> Peter Richards	
<b>Type of Meeting:</b> Regular	
<b>Agenda Item 1: Call to Order and Approval of Agenda</b>	<b>[6:00 p.m., Audio 0:32 sec]</b>
The meeting was called to order at 6:01 p.m. and there were no changes made to the agenda.	
<b>Agenda Item 2: Public Participation</b>	<b>[6:02 p.m., Audio 0:40 sec]</b>
None.	
<b>Agenda Item 3: Consent Agenda</b>	
<b>3A.: Approval of Oct. 30, 2013 special meeting minutes</b>	<b>[6:02 p.m., Audio 0:52 sec.]</b>
Motion to approve the Oct. 30 special meeting minutes as amended as presented by Sutter, seconded by O'Brien. Vote: 5-0 Motion passes.	
<b>3B.: Approval of Nov. 6, 2013 minutes</b>	<b>[6:03 p.m., Audio 1:30 min]</b>
Motion to approve the Nov. 6 meeting minutes as amended as presented by Lull, seconded by Sutter. Vote 5-0 Motion passes.	
<b>Agenda Item 4: Commission Priority Discussion and Input</b>	
<b>4A.: Main Library Renovation Project Update</b>	<b>[6:03 p.m., Audio 2:00 min]</b>
<ul style="list-style-type: none"> <li>• Construction bid phase- Construction bid documents were issued on Nov. 18 to six pre-qualified bidders. The city understands that four contractors intend to submit bids. The bid opening is Dec. 13 at 4 p.m.</li> <li>• Furniture bid documents- The furniture, shelving, A/V, and moving bid documents were issued on Nov. 26. The bid opening for the shelving, A/V equipment and materials moving will be held on Tues. Dec. 17, 2013. The bid opening for the furniture will be held on Fri. Dec. 20.</li> <li>• Café vendor request for proposal document development- The draft of the RFP for the café vendor will be available for Library Commission review in January and issued late January.</li> </ul>	
<b>Commission discussion, questions and comments included:</b>	

- In response to a question about whether or not a bid opening is a public meeting, staff noted that the meeting may be observed by members of the public. At the meeting, the finance/ purchasing agent ensures all the requirements for the bid have been met, reads the bid amounts that have been received by the deadline, and tabulates the information provided. The bid results are then reviewed and an award announcement is usually made within a few days.
  - There was discussion about the extent to which the furniture samples presented in the Dec. Library Commission packets are representative (found here: <http://boulderlibrary.org/pdfs/commission/2013/packet/DecCompletePacket.pdf>) of what the library can expect to receive. It was noted that the styles are representative but not the fabrics. Staff indicated that vendors can also offer alternatives / options.
  - Concerns were raised by two commissioners about the apparent quality of the furniture. The importance of good quality furniture that is sturdy and has longevity was acknowledged.
  - A question was asked if there was concern about the construction bidders dropping from six down to four. Staff is confident in the quality of the remaining bidders.
- Public art selection timeline- This committee had a meeting during the week of Nov. 25 and has narrowed down the proposals to 33 artists. The intent is to narrow this down to three or four artists who will develop proposals. A recommendation for the selection of a final group of artists will be made at the February Library Commission meeting.
  - Design Advisory Group meeting summary- Miles presented several of the graphic and word sign samples.

**Commission discussion, questions, and comments included:**

- Commissioners agreed with staff's suggestion to have sharper edges around the hexagons for teen graphic (more hive-looking aesthetic, looking less like a flower).
- Commission preferred a grass-like, organic/nature theme rather than ribbons for children's graphic.
- A question was asked about whether there will be a logo for the family bathroom.
- Some feedback was given for the word signs including: use of bars of color, or smoky backgrounds on letter signs in order to create more contrast; disliked mirror image of the words; change font to fit organic theme; and consistent placement and heights of signs for better usability i.e. airport given as example.
- Suggestion to have the holders for temporary signs at the branches as well.
- Request to see additional samples of the revised graphics.

**Agenda Item 5: Matters from the Commission**

**5A: Annual letter to City Council – priorities to inform goal-setting [6:59 p.m., Audio 58:00 min]**

The Library Commission discussed the draft letter to City Council (found here at <http://boulderlibrary.org/pdfs/commission/2013/packet/DecCompletePacket.pdf>).

Motion to approve their 2014 Library Commission Priorities and Input for City Council Retreat letter to City Council, with the discussed changes implemented as presented by Landry, seconded by Sutter. Vote: 5:0. Motion passes.

**5B.: Annual report to city manager - fulfillment of City Charter, Article IX, Section 136 requirement [7:25 p.m., Audio 1:23 hr]**

Motion to approve the Boulder City Charter letter to the city manager with one implemented change to be submitted by Sawyer on behalf of the commission, as presented by O'Brien, seconded by Lull. Vote: 5-0. Motion passes.

**5C: Library Commission application questions (see Library Commission Memo, found here at <http://boulderlibrary.org/pdfs/commission/2013/packet/DecCompletePacket.pdf>) [7:27 p.m., Audio 1:26 hr]**

Motion to approve the Library Commission application questions as presented by Landry, seconded by Sutter. Vote: 5-0. Motion passes.

**5D: Commission update (from memo)****[7:28 p.m., Audio 1:26 hr]**

- Update on commission emails received
- Report on 11/4/13 meeting with Judith Anderson, director of Longmont Public Library
- People Engaged in Raising Leaders – board fair

There was no discussion on the above items from the commission memo.  
A break was taken until 7:36 p.m.

**Agenda Item 6: Matters from the Department****6A.: Library Update (from memo)****[7:36 p.m., Audio 1:28 hr]**

- Boards and commissions input for the city council retreat- Please see Agenda Item 5A above.
- Library policy review- This item references p. 81 and 86 of the December packet. The Rules of Conduct review has also since been added to the list of policies to review. A review of the co-sponsorship of programs, book, and discussion groups, theater use, etc. policy will begin in February. The meeting room policy will be reviewed in March.
- Arts and Cultural Assessment – Library Commission position paper and Library Foundation addendum-

Motion to approve the Library Commission's position paper on the Arts and Cultural Assessment and to post it along with the Arts and Cultural Assessment as presented by Landry, seconded by O'Brien. Vote: 5-0 Motion passes.

- World Book Night update- World Book Night 2014 is held each year on Shakespeare's birthday, April 23. On this night, anyone or a group of people may register and give out free books to community members. Shelley Sullivan, BoulderReads! manager, is interested in participating. Two commissioners suggested using the North Boulder Corner Library as one of the destinations for the book giveaways.
- George Reynolds Branch Library – flood recovery update- FEMA reimbursements are ranging in timeframe from nine months to two years depending on the type of projects they are covering.
- North Boulder Corner Library update- There was consensus that the Library Commission prefers the name North Boulder Corner Library, or NoBo Corner Library.
- General calendar updates- The Library Commission Retreat date of June 21 will no longer work for all of the commissioners. A new date for the retreat will be determined for a Saturday in July 2014.

One commissioner recommended consideration of the library being open in 2014 on some of the current library holiday closures. Due to budget and staff implications, this possibility could be considered for the 2015 budget, during the second quarter of 2014.

- Follow up from Oct. meeting – staff recommended read displays- O'Brien had previously suggested noting who recommended the books placed on the "Staff Picks" display table at the Main Library.
- Proposed changes to the minutes format- The Library Commission discussed the possibility of eliminating the Action Summary and for staff to draft only one set of minutes that are a "hybrid" version of the meeting minutes, which would then be approved by the Library Commission. The Library Commission unanimously agreed to adopt the proposed meeting minute format. In April 2014, the Commission will review the Commission's Guidelines for meeting minutes and update as needed.

**6B. : Update on Operations – Arts and Cultural Services division****[8:04 p.m., Audio 1:56 hr]**

Chasansky gave a presentation on the operations for the Arts and Cultural Services division. For more information, please see the presentation at: <http://boulderlibrary.org/pdfs/commission/2013/handouts/13DecHandouts.pdf>.

**Commission discussion, questions, and comments included:**

- Is there any overlap between arts programming and Pearl St. street performers? Not currently, though Pearl St. is highly programmed.
- Anticipation was expressed for figuring out how the library and arts are combined now and in the future.
- Support for the inventory that is happening on both levels of physical art and related procedures.

**6C.: Commission Feedback on the 2014 Community Survey**

**[8:38 p.m., Audio 2:30 hrs]**

The Library Commission crafted an additional survey question which stated:  
Would you use literary, film, concert, dance, theater, history, or science programming? What would the community like to see offered by the library?

**6D.: Update on library director search**

**[8:42 p.m., Audio 2:33 hrs]**

The public presentations and candidate interviews are tentatively scheduled for Jan. 30 and 31.

**Agenda Item 7: Items for inclusion in the Action Summary**

This agenda item was no longer relevant as the Action Summary will no longer be created.  
See **Agenda Item 6A, Proposed changes to the minutes format** above.

**Agenda Item 8: Next commission meeting (rollover items and date)**

**[8:45 p.m., Audio 2:35 hrs]**

- Main Library Renovation Project: Review of the bids, bid alternatives and proposed funding options. The renovation construction kickoff ceremony will also be discussed.
- Update on library and arts director search: interview events and process. Two commissioners will be selected to serve on the interview panel and recommendations for interview question topics will be discussed.
- NoBo Corner Library update
- Review of the table of contents for the Library Commissioner Handbook

**Agenda Item 9: Adjournment**

**[8:47 p.m., Audio 2:38 hrs]**

There being no further business to come before the board at this time, the meeting was adjourned at 8:47 p.m.

**Date, Time, and Location of Next Meeting:**

The next Library Commission meeting will be held at 6 p.m. on Wed., Jan. 8, 2014 at the Meadows Branch Library, 4800 Baseline Rd.

APPROVED BY:

ATTESTED:

\_\_\_\_\_  
Board Chair

\_\_\_\_\_  
Staff Secretary

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

An audio recording of the full meeting for which these minutes are a summary, is available on the Library Commission web page at <http://boulderlibrary.org/about/commission.html>

Please note: Commissioner Sawyer approved these minutes on January 23, 2014; and Leanne Slater attested this approval on January 23, 2014.

**CITY OF BOULDER  
BOULDER, COLORADO  
BOARDS AND COMMISSIONS MEETING  
MINUTES**

<b>Name of Board/ Commission:</b> Transportation Advisory Board	
<b>Date of Meeting:</b> 14 November 2013	
<b>Contact Information Preparing Summary:</b> Laurel Olsen-Horen 303.441.3203	
<b>Board Members Present:</b> Andria Bilich, Matt Moseley, Dom Nozzi, Jessica Yates, Zane Selvans, <b>Board Members Absent:</b> None	
<b>Staff Present:</b> Bill Cowern, Transportation Operations Engineer Kathleen Bracke, GO Boulder Manager Chris Hagelin, Senior Transportation Planner Marni Ratzel, Senior Transportation Planner Laurel Olsen-Horen, Board Secretary	
<b>Type of Meeting:</b> Advisory/ Regular	
<b>Agenda Item 1: Call to Order</b>	<b>[6:02 p.m.]</b>
The meeting was called to order at 6:02 p.m.	
<b>Agenda Item 2: Approval of minutes from 23 September 2013</b>	<b>[6:02 p.m.]</b>
<b>Motion to approve the 14 October meeting minutes as amended by: Nozzi; seconded: Selvans</b> <b>Vote: 5-0 Motion Passes</b>	
<b>Agenda Item 3: Public Participation</b>	<b>[6:05 p.m.]</b>
None	
<b>Agenda Item 4: City Council Boards and Commission Report</b>	<b>[6:05 p.m.]</b>
Council member Plass was unable to attend tonight's meeting so this item will be postponed until the December TAB meeting.	
<b>Agenda Item 5: Staff briefing and TAB input regarding the Development Review TDM Toolkit</b>	<b>[6:06 p.m.]</b>
Chris Hagelin presented this item. Power point given for this item.	
<b>Executive Summary from Packet Materials:</b> The purpose of this agenda item is to update the Transportation Advisory Board (TAB) on the process for redesigning the Transportation Demand Management (TDM) Toolkit. A process to update the TDM Toolkit was initiated in 2011 but was put on hold due to staff changes and changing priorities. With the Transportation Master Plan (TMP) Update in progress and the Access Management and Parking Strategy (AMPS) beginning, the process to modify the TDM Toolkit is returning to the 2013-2014 work plan. The redesign of the TDM Toolkit will be fully integrated into both the TMP and the AMPS processes.  The TDM Toolkit is used by Transportation and Community Planning & Sustainability staff and development applicants to plan and implement a set of policies, programs, facilities, and strategies to mitigate traffic impacts of new development or redevelopment projects as part of the Site Review process.. As new residential and commercial developments are considered within the City of Boulder, it is important that they are consistent with the city's Transportation Master Plan goals of reducing single-occupant vehicle (SOV) trips and vehicle miles of travel (VMT). TDM strategies, which focus on facilitating alternate modes of transportation, are key considerations. Per Section 9-2-14(h)(2)(D)(iv),(v) of the Boulder Revised Code, development projects that are required to complete the Site Review process are required to provide a TDM plan outlining how multi-modal access will be improved and how impacts from traffic will be mitigated through a significant shift in vehicle trips. Examples of TDM programs include offering Eco Pass programs, parking management strategies, and bike share/car share services.  At the December 9 meeting, staff will present to TAB the current policies and process of designing, implementing, and evaluation of TDM plans for new developments and what policy and programmatic changes were previously being considered by past TAB and Planning Boards. TAB is asked to review the attached Planning Board memo from July 7, 2011 to provide context from the prior discussions regarding this topic. Staff will be seeking input	

from TAB to help guide the upcoming work to revise the city's TDM Tool Kit as part of the current TMP Update. Based on input from TAB at the December 9 meeting, staff will develop specific TDM Tool Kit enhancements to bring to TAB for consideration in early 2014.

**Board Discussion and comments included:**

[6:22 p.m.]

- Overflow parking is something we should be going for as a hook to get NPP expanded. We need to stop looking at overflow parking as a negative thing. It allows us to be able to have managed parking in a neighborhood or business district. It gives us the ability to price parking that would otherwise be un-priced and result in inflated demand for that parking.
- There is a study that states that telecommuting / teleworking actually adds more vehicle trips per day than people that work at an office as working from home allows for individuals to run more errands during the day. (Study will be forwarded to staff)
- Developers could staff a TDM administrator as a requirement.
- What enforcement is available now?
- Make TDM plans attractive and get people motivated to participate. How do we go beyond the developer? Could this be less of a requirement and more of an incentive to the developer by explaining what they get out of the program if they participate (i.e. tax break etc.)?
- Explanation on Boulder Transportation Connections' role would be helpful.
- Exempt or reducing development impact fees could also be a useful/appropriate incentive.
- There are times we want to incentivize development.

**Agenda Item 6: Matters**

[7:00 p.m.]

**Matters from the Board Included:**

Board member Yates brought up the below matter(s):

- Updates on collaboration with other city boards. TAB members assigned "board buddies" with the different boards and commissions.
- Election results:
  - Staff wished to say kudos to the board for their work on facilitating the election results.
  - City Council approved the E-bikes pilot with the exception of use on Open Space trails.

Board member Bilich brought up the below matter(s):

- Now that we have some money; what's next? How do we best leverage this new funding source? TAB needs to remain proactive with funding.

**Matters from staff included:**

[7:13 p.m.]

- **Staff briefing and TAB input regarding Safe Routes to School Program:** (Power Point presentation given for this item) Staff presented a short presentation on the projects which will go out for grant funding through the Safe Routes to School Program.
  - Hanover Street: Broadway to S. 46<sup>th</sup> Street
  - Sumac: Broadway to 17<sup>th</sup> Street
  - Oak St: 19<sup>th</sup> to 21<sup>st</sup> Streets
  - 22<sup>nd</sup> Street alignment; Upland Ave to Vineyard Place
  - 4<sup>th</sup> Street: Upland Ave to Vineyard Place

Board member Moseley departed at 7:30 p.m.

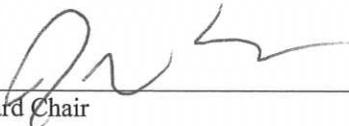
- **Comments on the 2014 Draft Legislative Agenda:**
  - One board member's thoughts on ideas to include in the Legislative Agenda are as follows: The city should be seeking from the state authorization to utilize tolling on roadways. The city should be lobbying to encourage adopting the biking approach as practiced in Idaho; stop signs for cyclists should be treated as yield signs and red signals should be treated as stop signs.
- **Flood update:**
  - Most of the transportation systems are up and running; Dean Place west of 7<sup>th</sup> St and Cypress west of 55<sup>th</sup> St. are still closed pending reconstruction.
  - Boulder Creek Crossing; Arapahoe east of 38<sup>th</sup> and South Boulder Creek crossing west of 55<sup>th</sup> underpasses remain closed.
  - Staff effort is focusing on documentation for reimbursement from FEMA and FHWA.
- **Regional Studies Update:** US 36 Mayors/Commissioners Coalition letter handed out on regional NAMS.
- **Project Updates/Closure (i.e. progress, Council action, "after" studies):**
  - Construction on Arapahoe between 17<sup>th</sup> and Folsom continues.
  - Multi-way Blvd. improvements on the south side of Pearl have been completed. The remaining south

- side improvements will be completed in Spring of 2014
- o Goose Creek Bridge and Depot Square construction has begun.
- o 14<sup>th</sup> St Improvements are complete. There are some issues with compliance which enforcement will be working with.
- o State Hwy 7 is in clean-up phase.
- **Other matters:**
  - o Joint Board meeting on Thursday, 19 December; Sustainable Streets and Centers and the East Arapahoe Project are the primary topics.
  - o There will be a TMP open house prior to the December TAB meeting.

**Agenda Item 7: Future Schedule Discussion:** **[8:10 p.m.]**  
 Next meeting will be Dec. 9<sup>th</sup> in the 1777 West Conference Room  
 Joint Board meeting on Dec. 19<sup>th</sup> at Boulder County

**Agenda Item 8: Adjournment** **[8:10 p.m.]**  
 There being no further business to come before the board at this time, by motion regularly adopted, the meeting was adjourned at 8:10 p.m.  
**Motion:** moved to adjourn; Nozzi, seconded by: Bilich.  
**Motion passes 4:0**

**Date, Time, and Location of Next Meeting:**  
 The next meeting will be a regular meeting on Monday, 9 December 2013 in the 1777 West Conference Room, 1<sup>st</sup> floor of the Municipal Building, at 6 p.m.; unless otherwise decided by staff and the Board.

APPROVED BY:  
  
 \_\_\_\_\_  
 Board Chair  
 \_\_\_\_\_  
 1/13/14  
 \_\_\_\_\_  
 Date

ATTESTED:  
  
 \_\_\_\_\_  
 Board Secretary  
 \_\_\_\_\_  
 13 January 2014  
 \_\_\_\_\_  
 Date

An audio recording of the full meeting for which these minutes are a summary, is available on the Transportation Advisory Board web page.

**Boulder Arts Week  
March 28 - April 6, 2014**

**WHEREAS**, Boulder Arts Week represents the city's first large-scale, inclusive celebration of our community's vibrant arts and cultural offerings and will include art walks, First Friday, exhibitions, performances, dance, music, theater, artist demonstrations, symposia and more; and

**WHEREAS**, Boulder Arts Week will enhance visibility of the arts within the local community and raise awareness of Boulder's artistic innovation throughout the region, positioning the city as a premier arts destination; and

**WHEREAS**, the participating artists and organizations will benefit from this widespread collaboration, enabling each to expand their audiences and engage more members of the community with their mission and programming; and

**WHEREAS**, arts and culture play a key role in building and sustaining Boulder's economic vibrancy, and are a cornerstone of Boulder's creative economy. The arts stimulate creativity and innovation throughout the community, create jobs, attract new businesses, draw tourism dollars and create an environment that attracts skilled and educated workers; and

**WHEREAS**, the arts and culture sector has a powerful economic impact on Boulder's economy. According to an *Americans for the Arts* study, in Boulder 1,174 jobs are supported by performing arts, crafts and visual arts; 378 businesses generate more than \$15 million in household income, as well as nearly \$2 million in government revenue. Event-related spending by arts and culture audiences exceeds \$12 million, not including the cost of admission; and

**WHEREAS**, members of the Steering Committee (The Dairy Center for the Arts, Boulder Museum of Contemporary Art, Boulder Bach Festival, CU Presents, Boulder County Arts Alliance and the Boulder Chamber) along with 21 other arts organizations and the Boulder Arts Commission, Boulder Convention and Visitors Bureau, Downtown Boulder Inc., The Daily Camera and Vermillion Design + Interactive have already pledged their support for Boulder Arts Week to ensure its success; and

**WHEREAS**, the arts foster beauty, originality and vitality and benefit and connect all members of the Boulder community.

**NOW, THEREFORE, BE IT DECLARED** by the City Council of the City of Boulder, Colorado that March 28–April 6, 2014 is

**Boulder Arts Week**

  
Matthew Appelbaum, Mayor



**Official Radon Action Month  
January 2014**

**WHEREAS**, radon is an invisible, odorless, radioactive gas that threatens the health of our citizens and their families; and

**WHEREAS**, radon is likely the leading environmental cause of cancer mortality in the US and the 7<sup>th</sup> leading cause of cancer mortality overall; and

**WHEREAS**, the Rocky Mountain Region, wherein the City of Boulder lies, has been ranked Zone 1, an area with the highest radon potential possible by the U.S. Environmental Protection Agency; and

**WHEREAS**, local residential radon data has shown 54% of the Boulder County homes tested as being at or above the U.S. Environmental Protection Agency Radon Action Level of 4.0 pCi/L (picocuries per liter of air); and

**WHEREAS**, any home in Boulder may have elevated levels of radon (even if homes in the same neighborhood do not); and

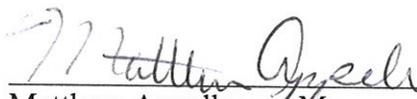
**WHEREAS**, testing for radon is simple and inexpensive; and

**WHEREAS**, identified radon problems can be fixed; and

**WHEREAS**, Boulder County Public Health, the Colorado Department of Public Health and Environment and the U.S. Environmental Protection Agency are supporting efforts to encourage Americans to test their homes for radon, have elevated levels of radon reduced and have new homes built with radon-resistant features;

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Boulder, Colorado, that January 1-31, 2014 is recognized as

**Official Radon Action Month**

  
Matthew Appelbaum, Mayor

