



**CITY OF HENDERSONVILLE**  
**ENVIRONMENTAL SUSTAINABILITY BOARD**  
Operations Center - Assembly Room | 305 Williams St. | Hendersonville NC  
28792

Thursday, April 21, 2022 – 3:00 PM



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## AGENDA

**1. CALL TO ORDER**

A. Roll Call- *Mary Ellen Kustin, Chairperson*

**2. APPROVAL OF AGENDA**

A. Consideration of Agenda - *Mary Ellen Kustin, Chairperson*

**3. APPROVAL OF MINUTES**

A. Approval of Minutes - *Gracie Erwin, Staff Liaison*

**4. PUBLIC COMMENT**

A. Public Comment- *Allotted time, 15 minutes*

**5. PRESENTATIONS**

A. WildLife Crossing - *Guest Lynne Williams*

B. Sustainability Managers Presentations, Q and A- *George Santucci, Laura Janway,*

**6. SUBCOMMITTEE UPDATES**

A. Bee City- *Will Garvey, Boardmember*

B. Sustainability Planning- *Caroline Beamer, Co- Chairperson, Subcommittee Chairperson*

C. Recycling and Plastics - *Geri Conley, boardmember*

D. City Council Updates- *Lyndsey Simpson, Councilwoman*

**7. OLD BUSINESS**

A. Council Kudos- *Mary Ellen, Chairperson*

B. Keep it Clean Hendo- *Mary Ellen Kustin, Chairperson*

C. EV Supply Equipment Proposal- *Will Garvey, Boardmember*

D. Ecusta Rail Trail Update- *Will Garvey, Boardmember*

## 8. NEW BUSINESS

A. Budget Update- *Gracie Erwin, Staff Liaison*

B. Mandatory Board Member Training - *Mary Ellen Kustin, Chairperson*

*\*need signatures on acknowledgement of handbook*

C. Sustainability Plan, next steps- *Mary Ellen Kustin, Chairperson*

## 9. ADJOURNMENT

*The City of Hendersonville is committed to providing accessible facilities, programs and services for all people in compliance with the Americans with Disabilities Act (ADA). Should you need assistance or an accommodation for this meeting please contact the City Clerk no later than 24 hours prior to the meeting at 697-3005.*



**CITY OF HENDERSONVILLE**  
**ENVIRONMENTAL SUSTAINABILITY BOARD**  
Operations Center - Assembly Room | 305 Williams St. | Hendersonville NC  
28792

Thursday, March 17, 2022 – 3:00 PM



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## MINUTES

### 1. CALL TO ORDER

A. Roll Call- *Mary Ellen Kustin, Chairperson*

### APPROVAL OF AGENDA

2. Consideration of Agenda - *Mary Ellen Kustin, Chairperson*

### APPROVAL OF MINUTES

3. Approval of minutes from 02/17/2022 - *Gracie Erwin, Staff Liaison*

*Reminder to send sub committee minutes to me before Main meetings if possible.*

### PUBLIC COMMENT

4. Public Comment- *Allotted time, 15 minutes*

### PRESENTATIONS

5. Signing Mayors Monarch Pledge - *Lyndsey Simpson, Councilwoman*

*a) With special guests: kids who participated in the Symbolic Monarch Migration*

Took pictures and these will be sent to the communications manager to upload for social media.

Pledge was signed electronically by Lyndsey Simpson.

## SUBCOMMITTEE UPDATES

### 6. Sustainability Planning - *Caroline Beamer, Subcommittee Chairperson*

### 7. Bee City - *Will Garvey, board member*

Officially Resides in Bullington Gardens. Their first meeting is set for Monday 3/21/22.

### 8. Recycling and Plastics, Working to be Plastic Free campaign - *Geri Conley, board member*

Two more business have signed the working to be plastic free pledge- Flat Rock Bakery and Two Guys.

Idea of implementing a voluntary plastic bag program.

### 9. City Council - *Lyndsey Simson, Councilwoman*

Voted to submit letters to council.

## OLD BUSINESS

### 10. Energy Innovation and Carbon Dividend - *Mary Ellen Kustin, Chairperson*

a) Review letter to citizens climate lobby

b) Review letter to City Council

Voted to send letters to the Lobby climate-

### 11. Review of Proposal for EV Charging Infrastructure in New Construction - *Will Garvey, Board Member*

### 12. Update on Ecusta Trail Letter - *Ann Twiggs, Board member*

## NEW BUSINESS

13. Earth Week- *Lyndsey Simpson, Councilwoman*

- a) Hendersonville Earth Day Park Cleanup (“Don’t Trash Hendo!”?)
- b). Social Media
- c). Proclamation

14. Up Coming Speakers

- a) April- *Will Garvey, Board member*
- b) June- *Lyndsey Simpson, Council woman*

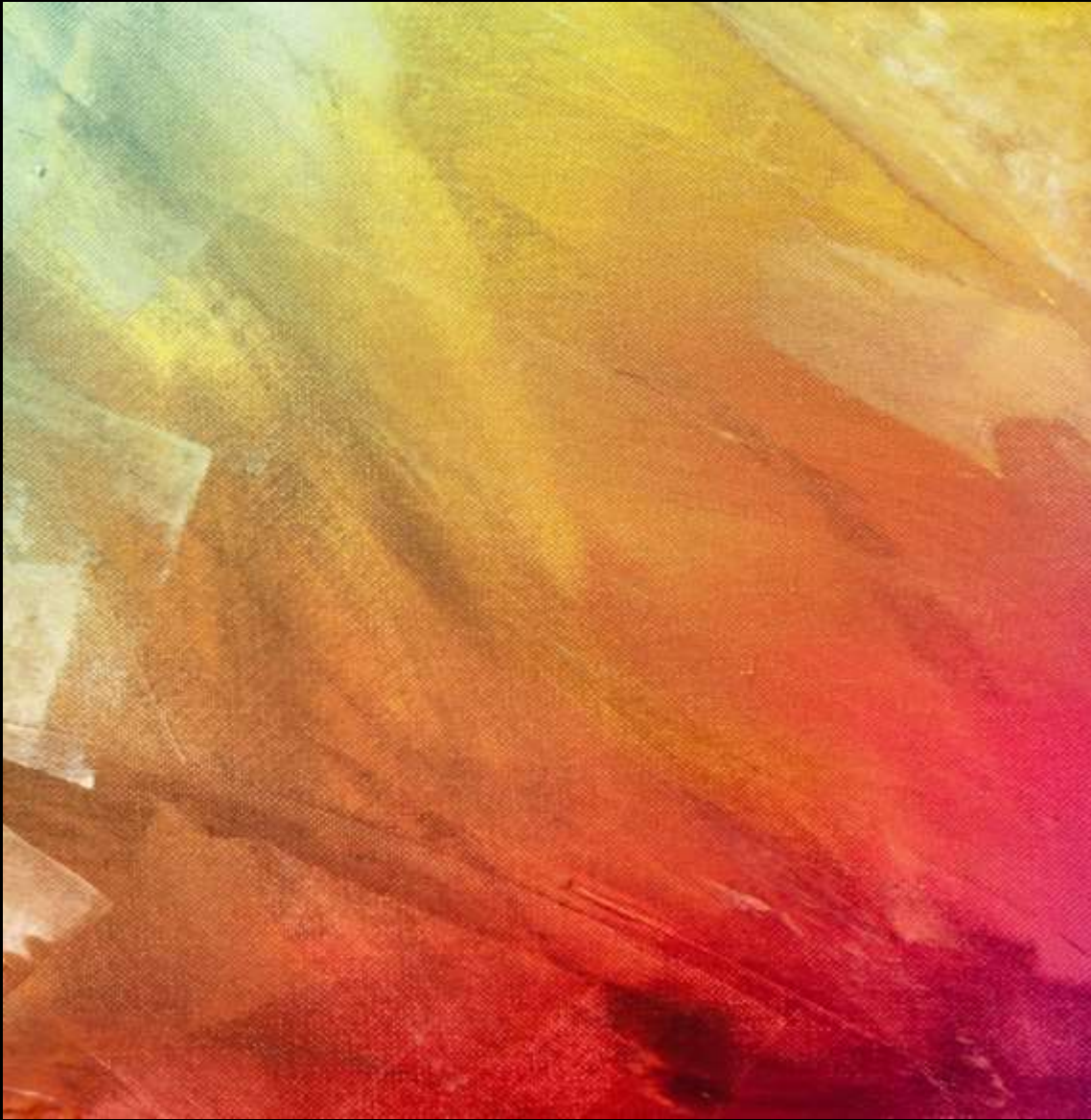
15. Environmental Fair - *Ann Twiggs, Board member*

16. March for Hendo Litter Pickup - *Gracie Erwin, Staff Liaison*

*March 26th at Patton Park*

## ADJOURNMENT

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# *Wildlife Crossings*

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# Challenge:

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- One million animals die on roads every day in the United States, according to the U.S. Department of Transportation.
- Road mortality is the leading cause of vertebrate deaths in the U. S., surpassing hunting within the last thirty years.
- The positive impact of driving less on the rate of wildlife vehicle collisions was illustrated during the height of the pandemic stay-at-home-orders in March and April of 2020. The number of collisions in some states declined by 21-58% in those two months, according to research by the Road Ecology Center.



# *Why This Matters:*

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- Animals are an essential part of our interconnected ecosystem.
- Protecting wildlife and ecological systems are clearly expressed goals of Hendersonville's 2030 Comprehensive Plan, specified in Chapter 3: Natural & Environmental Resources.
- Wildlife corridors & greenways connect and support the region's vital & valuable networks of green infrastructure.
- Hendersonville is a Bee City USA, "Bird and Squirrel Sanctuary".
- All life is sacred and we must do our part to protect it.





# COH's 2030 Comprehensive Plan: Quotes

→ The City has declared itself a sanctuary for birds and squirrels (Sections 10-1 through 10-3 of the Municipal Code). These sections generally prohibit the killing or harming of birds or squirrels within the corporate limits of Hendersonville, with a priority given to the Brevard White Squirrel.

→ “Links” that connect the system together and provide continuity in wildlife habitat and ecological systems. Examples include linkages between parks or preserves, river and stream corridors, greenbelts, and wooded buffer areas between urban and rural land uses.

→ Green infrastructure systems help to protect and restore naturally functioning ecosystems and provide a framework for future development. Examples of green infrastructure may include: Natural areas such as waterways, wetlands, woodlands, and wildlife habitats.

→ Benefits of green infrastructure include: Enriched habitat and biodiversity - Reduced public infrastructure and service costs, including stormwater management and water treatment - Better connection to nature and sense of place.



*Chadwick Ave. Resident*

## *Feedback from the Public Works Department:*

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"Our worst area is HWY 191, a NCDOT road, but it already has deer crossing signs in place. I wish people paid better attention! Thank you, Tom Wooten" - Director of Public Works

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Decreased animal killings reduce the workload for clean ups and disposals. "You wouldn't want to know how they're disposed"- Chad Freeman, Assist. Dir. Public Works (former)

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Department of Transportation standard Wildlife Crossing signs were previously estimated by a Public Works employee at \$250 each. ~ Pricing inquiry suggested by Councilman Miller (former)



# Wildlife Crossing Request: Chadwick Avenue



Item A.

# *Wildlife Crossing Request: Chadwick Ave.*

- Wildlife corridor runs along vegetative buffer, above & below culvert, from wooded lots across Chadwick Ave. towards floodplain & wetlands. (Also beneath street light, at night). Continued loss of wildlife habitat due to development.
- Animals crossing observations at 309 Chadwick Ave. location – Turtles, foxes, raccoon mama & baby, possums (1000 ticks/day), wild rabbits, chipmunks, squirrels, cats, dogs, birds, groundhogs.
- Speeding common occurrence with traffic count of approx. 2000 cars/ day. Estimated increase of +430 daily trips from newly approved 70 apts. on Chadwick Ave. and Greenville Hwy.
- Importance of Cookie, Chadwick & Chippy's Legacy
- Previous actions include reducing speed limit, installing electronic speed limit signs, increase of warning signage for curve & culvert.





# *Why This Matters: Chippy*





# *Why This Matters: Rest in Peace, Chippy*

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You are dearly missed.



# *Why This Matters:*



Item A.



# *Why This Matters:*





# *1951 Aerial Photograph: Chadwick Ave. surrounded by forest habitat*

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Red square = 309 Chadwick Ave





*Why This Matters:  
Continual habitat decimation forces  
the surviving wild animals into life-  
threatening situations when their  
homes are destroyed.*

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Red = Recent habitat destruction of Chadwick Ave. wildlife habitat corridors

# Action Items:

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- Collaborate with Public Works and city residents to identify vulnerable animal habitats and hazardous crossing locations.
- Explore options such as Wildlife Crossing Signs, culverts and traffic calming measures like reflectors and colorful crosswalks.
- Designate initial crossing locations and allocate resources.
- Create process for feedback, installation and maintenance.
- Promote public awareness and community education.





*Example: Graham Projects  
Traffic Calming Crossings*



## Questions for discussion with Sustainability Managers from Boone and Carrboro:

**ROLES and RESPONSIBILITIES:** Please tell us about how your position came about and where you fit in your organizational structure. To whom do you report and are there other dedicated sustainability staff that work directly with you? What other staff members and managers do you work with most? (e.g., City Manager, City Attorney, Public Works, etc.)

Recognizing each day may bring different situations, please tell us about a typical day. If your position is only partly sustainability focused, what other responsibilities are in your portfolio? How much of your work is spent preparing for or attending events after hours? How much of your time is dedicated to writing grants? Do you work with volunteers or a citizen's advisory board/committee as part of your job?

Tell us about the resources that are most necessary to make your position successful? (e.g., funding, additional staff, contract support, etc.) Does your city have a sustainability plan and if so, how has it guided and helped your work? Finally, please share your thoughts on how a dedicated sustainability position helps a city/community implement and increase sustainability efforts?

**PROJECTS and ISSUES:** Please share with us the types of projects and issues you have been working on for your communities including one project or issue you are most proud of and would like to highlight. Is there anything you would have done differently? In the future, what projects or issues would you like to take on to support sustainability in your community, either inside city operations or in the community at-large? Do you have one “pet” issue you think is vital to sustainability in your community?

**SUPPORT:** Change is hard and new positions can take some time to settle into an existing organization. After any initial growing pains, what sorts of issues do you find have the most support among your city's workforce, and what sort of issues do you tend to experience the most pushback? Do you feel that your community, co-workers and elected officials are supportive of your role? Do you interact with other sustainability professionals at the state, regional or national levels?

Name	Number	email	Location
Gracie Erwin	8287345225	<a href="mailto:eerwin@hvlnc.gov">eerwin@hvlnc.gov</a>	wherever
Leslie Carey		<a href="mailto:peaceofmovement@gmail.com">peaceofmovement@gmail.com</a>	wherever
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Lisa Emery	(828) 808-422	<a href="mailto:lisaemery7@gmail.com">lisaemery7@gmail.com</a>	Sullivan Park
Tom Hoaglan	(630) 664-847	<a href="mailto:trh_mt1@yahoo.com">trh_mt1@yahoo.com</a>	Downtown Main Street

CITY OF HENDERSONVILLE  
ENVIRONMENTAL  
SUSTAINABILITY BOARD  
PRESENTS

Item B.

# KEEP IT CLEAN, HENDO!

Help us keep our parks and public  
spaces clean and free of litter!

**WHEN:** April 22nd (Earth  
Day) from 4pm-5 (ish)

**WHAT:** Trash and Litter  
pick up. HVL will provide  
gloves and trash bags

**WHERE:**

Sullivan Park

Downtown Main Street

MLK Park

7th Ave Biz District

We highly encourage anyone who is  
able to get involved! Please fill out  
the volunteer form at  
<https://bit.ly/CleanHendo> so we  
know which location to look for  
you!



Public Works Administration-Misc. Program Expenditures			Account
010-1502-532299			
Item	Date	Amount	Balance
Monarch Migration	11/4/2021	\$ 435.00	
Total:			\$ 1,565.00

Environmental Services-Misc. Program Expenditures			Account
068-7855-532299			
Item	Date	Amount	Balance
Clings	11/17/2021	\$241.85	
Pollinator Signs	4/19/2022	\$1,275.00	
Total:			\$483.15

Both Accounts    \$ 2,048.15