



Department Source: Sustainability

To: City Council

From: City Manager & Staff

Council Meeting Date: June 17, 2019

Re: Accepting a Climate Action & Adaptation Plan and establishing a Climate Action & Adaptation Policy

Executive Summary

This is a supplemental memo to the policy resolution accepting the Climate Action & Adaptation Plan (CAAP) and establishing a Climate Action & Adaptation Policy. A formatted version of the CAAP is attached. Letters from City boards and commissions are also attached.

Discussion

The attached plan is a formatted version of the Climate Action & Adaptation Plan (CAAP) that was introduced at the June 3, 2019 City Council meeting. The CAAP has also received feedback from City boards and commissions, which are included in this attachment.

Fiscal Impact

Short-Term Impact: There will be a financial impact but it is unknown at this time. It is the intent of staff to evaluate how to use existing resources to meet the short-term needs.

Long-Term Impact: Unknown at this time.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Social Equity, Secondary Impact: Operational Excellence, Tertiary Impact: Infrastructure

Comprehensive Plan Impacts:

Primary Impact: Livable & Sustainable Communities, Secondary Impact: Environmental Management, Tertiary Impact: Inter-Governmental Cooperation



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Legislative History

Date	Action
08/20/2018	Council passed a resolution adopting goals for the reduction of community and municipal carbon emissions through local policies, services and practices.
06/17/2017	Council passed a resolution re-affirming Columbia's commitment to reduce climate pollution and requesting the development of a Climate Action Plan.

Suggested Council Action

Approve the proposed policy resolution and climate action and adaptation plan, if desired.

MEMORANDUM

DATE: June 5, 2019

TO: Mayor Brian Treece
Members of City Council

FROM: Sara Loe, Chairman Planning and Zoning Commission 

RE: Planning Commission Comments - Climate Action and Adaptation Plan (CAAP)

At the May 23 Planning Commission work session, Commissioners discussed their individual review of the proposed Climate Action and Adaptation Plan (CAAP) as a follow up to initial discussion begun as a part of the May 9 work session. Commissioners noted appreciation in being asked to submit written comments as well as being informed of the opportunity to take the on-line survey. Several Commissioners cited they were participants in the plan development process and its various meetings.

There was general support of the goals and objectives contained within the CAAP. Commissioners also indicated support in preparing plans that address climate change and acknowledged the challenge to plan for diverse and often competing priorities in such a dynamic community such as Columbia. Commissioners noted that some of the internal goals and objectives of the CAAP may conflict, in terms of implementation activities and outcomes, with goals and objectives found within the Columbia Imagined Comprehensive Plan. Cited examples of conflicts included housing affordability and increased efficiency mandates, flood plain buffers and other development restrictions, and infill development and neighborhood protections.

Commissioners believe that additional education of themselves as well as the public is needed to ensure a thorough understanding of the CAAP's goals and objectives, implementation metrics, and ways the Plan proposes to establish priorities when its goals and objectives conflict with other adopted city-wide plans or regulations. Commissioners believe such education may be accomplished continuously moving forward following adoption of the Plan, or potentially as text amendments to the Unified Development Code maybe identified as needing to occur.

The Planning and Zoning Commission appreciates the opportunity to provide you their input as the Council finalizes its recommendation on the adoption of the Climate Action and Adaption Plan. Should you have additional needs please do not hesitate to let me know.

June 4, 2019

Mayor Treece and City Council Members
Columbia City Hall

RE: Columbia Climate Action and Adaptation Plan

Dear Mayor Treece and City Council Members:

The Columbia/Boone County Board of Health is pleased to inform you that we voted unanimously on May 9 to support the proposed Columbia Climate Action and Adaptation Plan.

This plan lays out a vision and strategy to address the risks posed to Columbia by climate change, prepare for the changes that we will experience, and contribute to reducing greenhouse gas emissions.

The Columbia/Boone County Board of Health is particularly interested in the goals, strategies and actions to address health, safety and well-being and would like to play an integral role in their implementation.

In particular, we support the development and implementation of a plan to monitor climate change-related illnesses, as well as policy and program development to reduce the incidence of heat-related illness/death, vector-borne diseases and illness/injury due to air and water quality issues. We also support policy and program development to assure food security and reduce emissions by increasing local food production.

We recommend the City Council approve the Plan when the resolution is brought to a vote.

A handwritten signature in black ink that reads "Mahree Skala". The signature is written in a cursive, flowing style.

Mahree Skala, Chair
Columbia/Boone County Board of Health

cc: Stephanie Browning
Barbara Buffaloe

Environment and Energy Commission City of Columbia and County of Boone

June 3, 2019

RE: EEC review of CAAP

Members of the City Council,

After reviewing the Climate Action and Adaption Plan (CAAP), we wholeheartedly support the Plan and endorse City Council approval.

There are a few areas that we have identified where the CAAP could be clarified or improved:

Energy (E-1.1.1 through E-1.2.1 and E-2.1.1 through E-2.2.3)

In general, this section requires little, or perhaps no, alteration. However, it should be emphasized that the City needs to lead by example.

Housing, Buildings, Development (H-1.1 through H-1.5)

Suggestions:

EEC endorses 1-4.1, 1-4.2, 1-4.3 and 1.5.1, but all of these need clarification.

Transportation (T-1.1 through T-1.5.6 and T-2-1 through T-2.3.1)

Suggestions:

Add to T-1.2.1, Consider use of smaller electric vehicles instead, or in addition large City buses.

Add to T-2 (not sure where), Prohibiting 18-wheel trucks in the downtown area and rely upon smaller vehicles (van) for delivery. Create specific hours for such deliveries. Create an idling and delivery hour ordinance to achieve this.

T-2.1.2, Create EV roadmap and increase the number of electric charging stations in public parking areas.

T-2.3.1, Add: Sensors on traffic lights during night time hours to reduce idling.

Waste (W-1.1, W-1.2 and W-2.1.1 through W-2.4.3)

One change suggested: Add "education" W-2.4.1.

Health, Safety and Well Being (HS-1.1 through HS-1.3.6 and HS-2.1.1 through HS 2.2.1)c

HS-2.1.2 and HS-2.1.4 should be moved to “Priority”. This move is in response to HOAs prohibiting gardens.

Natural Resources (NR-1.1.1 through NR 1.1.9, NR-2 through NR-2.1.3 and NR-3.1.1 through NR-3.2.4)

NR-1.1.7 and NR-1.1.8, Add “native” to both.

It is hoped that the CAAP as presented to the City Council will incorporate these changes and clarifications.

Sincerely,

Ken Midkiff
Chair of the Environment and Energy Commission

June 7, 2019

To: Mayor Brian Treece and members of City Council

From: Water and Light Advisory Board

Re: Climate Action and Adaptation Plan

Honorable Councilmembers,

During our May meeting of the Water and Light Advisory Board, we reviewed the proposed Climate Action and Adaptation Plan, as presented by the Climate Action and Adaptation Plan Task Force, in particular the sections devoted to energy and housing.

One potential area for confusion in the plan is what the definition of “municipal reductions” should be. The advisory board recommends that municipal emissions be considered as the energy consumed by municipal organizations (for example, energy used for heating and cooling buildings), and explicitly exclude those emissions generated by normal power production, even in city-owned production facilities.

Overall, the advisory board is in unanimous agreement that the goals set forth in the Climate Action and Adaptation Plan are valuable and we recommend that City Council adopt these goals and act on them accordingly.

Thank you for your time,

Scott Fines

Chair, Water and Light Advisory Board

October 15, 2018

Mayor's Task Force on Climate Action and Adaptation Planning,

The Bicycle and Pedestrian Commission would like to express its support of your progress towards the Climate Action and Adaptation Plan. In particular, the Bicycle and Pedestrian Commission supports initiatives that relate to the Built Environment and Transportation focus areas. Along with our support, we offer the following suggestions in the following areas:

Vision (Mode Share %)

- Separate the combined bike/ped trip percentages to show separate goals for each form of travel.

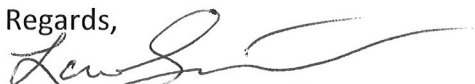
Built Environment Strategy: Increase bikeability/walkability of city/attractiveness of biking and walking

- Remove the idea of painting the entire bike lane white
- Add an additional section for strategies to improve safety for people walking; for example:
 - Improved pedestrian signage and crossing signals
 - Traffic calming that improves walkability
 - Sidewalk setback from the traffic lane
 - Additional and improved crosswalks (e.g., raised crosswalks, crosswalks with bulb outs, lighting)
 - Connected and improved sidewalks (e.g., repairing buckled or broken sidewalks)
- Clarify language from "restrict trucks and SUVs from diagonal parking on Broadway" to "improve safety of downtown Broadway parking (e.g., change direction of parking, increase sightlines, etc.)"
- We **strongly** support more non-motorized connectivity and Transit-Oriented Development

The Bicycle and Pedestrian Commission also suggests adding the following strategies, as we believe they will have a positive influence on obtaining climate goals as they relate to transportation:

- As part of your strategy to achieve mode share goals, include a funding recommendation for biking and walking infrastructure projects. Look at how other cities (foreign and domestic) have funded infrastructure improvements that allowed them to successfully reach their biking and walking mode share goals and, ultimately, climate action goals.
- Increased investment in Vision Zero initiatives to improve safety of vulnerable road users (i.e., people walking, biking, or using wheel chairs).
- Collaboration between the City of Columbia, Columbia Public Schools, and private schools to improve the percentage of kids walking and biking to school through a Safe Routes to School program and through reinstatement of the Walking School Bus Program.
- Comprehensive data collection initiative to accurately estimate Columbia residents' transportation modes and related transportation Greenhouse Gas (GHG) emissions.

Regards,



Lawrence Simonson, Chair

City of Columbia Bicycle & Pedestrian Commission