Worthington City Council Agenda

Louis J. R. Goorey Municipal Building
John P. Coleman Council Chamber

Monday October 09, 2017 ~ 7:30 PM

1. Call To Order

2. Roll Call

3. Pledge of Allegiance

4. Special Presentation(s)

   4.A. Sustainable 2050

   **Executive Summary:** Christina O'Keefe, Director of Energy & Air Quality, with the Mid Ohio Regional Planning Commission (MORPC) will brief the City Council on the new Sustainable 2050 program and the Regional Sustainability Agenda.

   **Recommendation:** Direct staff to prepare a resolution supporting and pledging to participate in the Sustainable 2050 efforts.

5. Reports of City Officials

6. Reports of Council Members

7. Other

8. Executive Session

   8.A. Appointments to Boards and Commissions

   8.B. Pending Litigation

9. Adjournment
STAFF MEMORANDUM
City Council Meeting – October 9, 2017

Date: October 6, 2017
To: City Council
From: Matt Greeson, City Manager
Subject: Sustainable 2050

EXECUTIVE SUMMARY
Christina O’Keefe, Director of Energy & Air Quality, with the Mid Ohio Regional Planning Commission (MORPC) will brief the City Council on the new Sustainable 2050 program and the Regional Sustainability Agenda.

RECOMMENDATION
Direct staff to prepare a resolution supporting and pledging to participate in the Sustainable 2050 efforts.

BACKGROUND/DESCRIPTION
A decade ago, the City of Worthington joined with other Central Ohio municipalities to adopt the “Green Pact.” The Green Pact outlined a set of aspirational principles aimed at protecting air and water, preserving natural resources, increasing green space and recycling and reducing consumption. Staff from Green Pact communities have held regular roundtable meetings that provided an opportunity to discuss best practices, share experiences and brainstorm new opportunities. Much has been accomplished throughout Central Ohio and in Worthington that is guided by the 10 principles in the Green Pact. While not an exhaustive list, some Worthington examples include:

- Performed diesel retrofits on older equipment not in compliance with clean air standards;
- Purchased higher fuel efficiency vehicles where feasible; supported creation of a year-round Farmers Market;
- Increased curbside recycling, including employing larger capacity recycling carts;
- Provided electronic waste recycling drop off to residents;
- Partnered with Franklin County Soil and Water to get rain barrels and backyard conservation materials into residential properties;

- Continue to retrofit traffic signals and soon, street lamps, to LED reducing electricity usage city wide;

- Partnered with Big Green Head to promote The Green on The Green;

- Built the West Wilson Bridge Multi Use trail which joins Worthington Place with the Olentangy bike path;

- Increased the number of bike racks on public and private property;

- Instituted a Bicycle and Pedestrian Advisory Committee to plan for a more walkable and bikeable community;

- Adjusted land use plans in key areas of our community to include mixed use development and encourage better site development practices;

- Partnered on one of Central Ohio’s first Property Assessed Clean Energy (PACE) projects;

- Developed no-mow and prairie grass areas along Olentangy Parklands,

- Continued extensive urban forestry efforts to maintain Tree City status; partnered with Sustainable Worthington on numerous projects;

- Reduced inflow and infiltration through sewer management and capital projects; and

- Adopted new criteria for evaluating alternative energy source projects, like solar, in the Architectural Review District.

Now, MORPC is coordinating the adoption of a new program – Sustainable 2050 – that will be the successor to the Green Pact. The program is supported by funding from the Columbus Foundation and will include technical assistance and programmatic support from MORPC. The Regional Sustainability Agenda provides the framework and goals for the program. Mrs. O’Keefe will present the program and discuss some of the initiatives that will be undertaken. Additionally, staff will highlight some of the various initiatives underway that fit within the new Sustainable 2050 program, forecast opportunities for enhancing our sustainability efforts and discuss how we plan to advance this initiative.

**FINANCIAL IMPLICATIONS/FUNDING SOURCES** (if applicable)
Financial investments that make a sustainability impact will be highlighted in the Capital Improvement Program (CIP) and Annual Operating Budget discussions.

**ATTACHMENTS**
Central Ohio Green Pact
Regional Sustainability Agenda
We, the community leaders of Central Ohio, are committed to enhancing and protecting the quality of life and economic vibrancy of the region. With this Green Pact, we affirm that it is in the best interest of our residents, business community and natural environment to take practical steps to protect our air and water, to preserve natural resources, to increase green space, reduce our consumption of raw materials and increase recycling. We hereby commit to lead by example, through this series of common sense steps to greener growth, management and living for our jurisdictions.

Greener Public Fleets

Motor vehicles account for a significant percentage of overall air pollution. We agree to take responsible steps to reduce our contribution to this problem through a variety of measures, which may include: anti-idling policies, purchase of high fuel-efficiency vehicles, use of alternative fuels and power sources, and/or retrofitting existing vehicles.

Growing a Strong, Green Economy

Environmentally-friendly goods and services is one of the fastest growing sectors of the U.S. economy, and is playing a significant role in our region today. We agree to work together to attract, retain and promote these green businesses so that our regional economy will continue to expand. We also agree to work with businesses to promote sustainable practices and encourage others to move in a more sustainable direction.

Collaborating to Purchase Green Products

Purchasing products that are environmentally friendly, including those that have recycled content, can preserve natural resources, reduce waste going into the landfill, and nurture the green marketplace. We will review purchasing codes to include green procurement practices. In addition, we will work together and explore ways to leverage our combined purchasing power and create a green regional procurement network that provides us with greater savings on more environmentally and socially responsible products.

Adopting Sustainable Land Use Policies

The ways our communities grow and redevelop have significant impacts on the environment. We agree to examine our local codes and policies to determine how we can: create walkable, bikeable communities; promote infill and transit oriented development; protect our natural resources and critical habitats; and create more sustainable infrastructure, such as green roofs, bio-swales and rain gardens.

Building Green Facilities and Reducing Energy Consumption

We will explore creating high performing buildings that are more energy efficient, conserve water, and use environmentally friendly products. We will look for other opportunities to reduce our energy consumption, such as performing energy audits, installing high efficiency heating and cooling systems, converting traffic and street lights to more efficient bulbs, installing skylights, and examining the potential for alternative energy.

Reducing Waste

Reducing the waste that is going to our landfill is of vital economic interest to every jurisdiction and taxpayer in Central Ohio. We agree that we will lead by example in our own operations by establishing recycling and reuse programs. We will encourage reduced packaging and recycled content in our purchasing and supply chain, and explore other sustainable materials management options.

Educating and Engaging Our Communities

Our responsibility is to not only for our own operations, but also to lead by example to encourage greater environmental stewardship by residents and local businesses. We will reach out to our stakeholders and citizens to teach the value and practice of sustainable living. We will also make periodic reports to our community about our efforts.

Reducing Emissions and Climate Protection

We agree to examine our emissions and existing carbon footprints and look for proven ways to reduce them, such as through energy-efficiency improvements, alternative energy solutions and a maintained and expanded tree canopy featuring the use of native species.

Preserving Green Space and Creating Greenways

Abundant parkland and a strong, accessible system of greenways and fitness paths are necessary components of a healthy, “green” community. We will support regional efforts to conserve streams, wetlands, forests and the other important natural resources of Central Ohio and increase the amount of parks and recreation areas for our residents. We will work together to create an interconnected system of greenways and bike trails that provide opportunities for alternative transportation, outdoor recreation, and healthy living.

Promoting Mass Transportation

A connected and well integrated transportation system is a vital part of our long-term sustainability. We agree to explore ways to improve and promote a variety of mobility options in Central Ohio by working together to create more efficient ways to navigate the region. This includes exploration of mass transit options, smart traffic technology, creating vanpool or carpooling groups, and encouraging safe biking and walking.
## Members:

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<thead>
<tr>
<th>Counties</th>
<th>Cities</th>
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ABOUT MORPC
MORPC is a voluntary association of Central Ohio governments and regional organizations. We serve a diverse community of local governments and stakeholders across a 15-county region.

MORPC’S SERVICE AREA:

ABOUT THE SUSTAINABILITY ADVISORY COMMITTEE
The Sustainability Advisory Committee is a top level MORPC committee which serves as the voice of sustainability. Its purpose is to address important regional issues affecting environmental sustainability and quality of life, including air quality, energy, local food, water resources, trails, materials use, growth and planning.

2017–2020 REGIONAL SUSTAINABILITY AGENDA
The 2017–2020 Regional Sustainability Agenda is the guiding document for MORPC’s sustainability-focused programming and committees, and provides the framework for members and regional partners to work toward common goals.

Visit www.morpc.org/SAC for more information.
### GOAL 1
**Objective 1.1**
- **Goal:** Reduce vehicle miles traveled (VMT).
- **Target:** 9,200 VMT per capita (5% reduction)

**Objective 1.2**
- **Goal:** Reduce the percentage of commuters driving alone and increase the percentage of commuters riding transit, biking, or walking.
- **Goal:** 80% of commuters drive alone; 6% of commuters ride transit, bike, or walk

**Objective 1.3**
- **Goal:** Increase the percentage of vehicles using alternative fuels.
- **Goal:** XX% of registered vehicles use alternative fuels (data and methodology under development)

**Objective 1.4**
- **Goal:** Increase the number of trail miles traveled annually.
- **Goal:** 13 million Central Ohio Greenway trail miles traveled annually

**Objective 1.5**
- **Goal:** Reduce per capita energy consumption across all sectors.
- **Goal:** 50% reduction in the gap of per capita total energy consumption between Central Ohio and U.S.

**Objective 1.6**
- **Goal:** Increase the number of local renewable energy projects and generating capacity.
- **Goal:** 576 certified renewable energy facilities with 89.4 megawatts of total generating capacity (26% increase)

### GOAL 2
**Objective 2.1**
- **Goal:** Reduce emissions to meet federal air quality standards.
- **Goal:** Ozone attainment, PM2.5 attainment

**Objective 2.2**
- **Goal:** Increase the number of people receiving air quality information and education.
- **Goal:** 10% increase in number of people receiving a combination of Air Quality Alerts, Air Quality Alert highway sign exposure, and media marketing exposure

**Objective 2.3**
- **Goal:** Reduce the amount of municipal solid waste per capita disposed in the landfill.
- **Goal:** 4 pounds of waste produced per person per day (6% reduction)

**Objective 2.4**
- **Goal:** Minimize greenfield development and promote infill and redevelopment.
- **Goal:** 50% of development occurred inside the urban area between 2010 and 2020

**Objective 2.5**
- **Goal:** Reduce per capita water consumption.
- **Goal:** 5% reduction in gallons of water per capita consumed

**Objective 2.6**
- **Goal:** Improve water quality in the Upper Scioto Watershed.
- **Goal:** 85% of Upper Scioto sampling sites are in attainment

### GOAL 3
**Objective 3.1**
- **Goal:** Increase the number of businesses in Central Ohio with established sustainability policies and practices.
- **Goal:** 20% increase in the number of GreenSpot businesses

**Objective 3.2**
- **Goal:** Increase the number of adopted institutional purchasing policies that support the purchase of local food.
- **Goal:** XX% increase in adopted institutional food purchasing policies (data and methodology under development)

### GOAL 4
**Objective 4.1**
- **Goal:** Encourage MORPC member communities to adopt complete streets policies or policies that contain those elements.
- **Goal:** 45% of MORPC member communities have adopted complete streets policies or policies that contain those elements

**Objective 4.2**
- **Goal:** Target infrastructure development to serve a higher number of people and jobs, and increase sidewalk coverage of arterials and collectors.
- **Goal:** 5 people + jobs per acre are within 3/4 mile of arterials; 40% of arterials and collectors have sidewalks

**Objective 4.3**
- **Goal:** Reduce the number of fatalities and serious injuries from crashes.
- **Goal:** 0.63 fatalities per 100 million VMT; 5.83 serious injuries per 100 million VMT; 10% reduction in non-motorized fatalities and serious injuries

**Objective 4.4**
- **Goal:** Target transit and bikeway infrastructure development to serve a higher number of people.
- **Goal:** 72% of population live within 3/4 mile of a transit stop; 72% of population live within 3/4 mile of a bikeway

**Objective 4.5**
- **Goal:** Increase the annual number of income eligible households receiving free weatherization and safety-related home repairs.
- **Goal:** 5% increase in the number of households served

**Objective 4.6**
- **Goal:** Increase the number of Central Ohio Greenways trail miles.
- **Goal:** Build 20 additional miles of Regional Greenways Trails

### GOAL 5
**Objective 5.1**
- **Goal:** Establish the annual Summit on Sustainability as a premiere environmental conference through high participation and visibility.
- **Goal:** Increase attendance by 10% annually

**Objective 5.2**
- **Goal:** Increase number of local governments committed to sustainability.
- **Goal:** 100% of MORPC members are committed to sustainability
### Goal 1: Sustainable Energy

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