

# *City of Northville Sustainability Plan*

## *Sustainability Team*

Patrick Giesa

Brian Turnbull

Susan Haifleigh

*Kathy Spillane\**

*Dave Gutman\**

Loyd Cureton

Lori Ward

Thom Barry

*AnnaMaryLee Vollick\**

\*Presenters

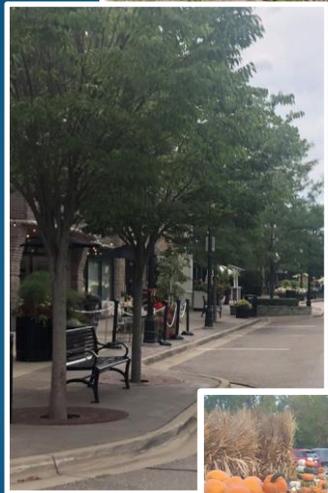
October 19, 2020

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# Introduction



- Changing population dynamics, high levels of consumption, and the need to sustain economic growth has created escalating demands on city resources
- Resource demands also impact the natural environment, our neighborhoods, and the overall quality of our daily lives
- To address these challenges, the City of Northville has appointed a formal Sustainability Team

# Role of the Sustainability Team

- To **assist our community** to think, plan and act more sustainably
- To **prepare and maintain** a Sustainability Plan– this resource is a “living document”
- To **provide support** to the City commissions and committees on issues and actions impacting Sustainability
- To provide **criteria for evaluating** the sustainability impact of local actions, both near-term and long-term
- To provide a **point of contact** for sustainability proposals.

# Michigan Cities with Major Sustainability Efforts

## Michigan Green Community Challenge Gold Certifications:

- Grand Rapids (1,069,405)
- Ann Arbor (121,890)
- Dearborn (94,333)
- Novi (60,951)
- Battle Creek (51,247)
- East Lansing (47,988)
- Pittsfield Township (38,884)
- Delhi Township (25,877)
- Traverse City (15,651)

## Smaller Cities with Major Sustainability Efforts

- Northport Village, MI (525)
- Petoskey, MI (5,738)
- St. Joseph City, MI (8355)
- Ferndale, MI (19,900)

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- Greensburg, KS (795)
- Sleepy Eye, MN (3,599)
- West Liberty, IA (3,736)
- Columbus, WI (4,991)
- Homer, AK (5,003)
- Charles Town, WV (5,259)
- South Daytona, FL (12,221)

**\* City of Northville pop. – 5,970**

# The 3 E's of Sustainability

1. Environmental

2. Economic

3. Social Equity



Sustainability Vision for the City

Mission Statement

Framework for the  
Sustainability Plan

# Vision For the City

By 2040, Northville will be an exemplary, energy efficient city with attractive, sustainably developed neighborhoods and waterways, a strengthened economy, a more vibrant downtown, ample non-motorized mobility, continued strong social connections and an abundance of inventive educational and cultural opportunities.

# Mission Statement

*To implement a comprehensive sustainability platform designed to protect and enhance our resources, prevent harm to the natural environment and our health, while benefiting the social and economic well-being of our City.*

# Guiding Principles (8)

1. Community awareness, participation and education are key elements of a sustainability movement.
2. The concept of sustainability informs City policy for current and future generations.
3. Protection, preservation, and restoration of the natural environment is a priority for the community.
4. Environmental quality, economic health and social fairness are mutually dependent.
5. The decisions of City government have implications to the long-term sustainability of Northville.
6. Sustainability issues important to the community will be addressed as a priority.
7. The City is aware that procurement decisions may have environmental and social impacts.
8. Fostering cross-community partnerships is encouraged to achieve sustainable goals.

# The Sustainability Framework

The Team is using a framework built on three PILLARS:

1. **Environmental (natural capital)** – the natural environment and natural resources of the community
2. **Economic (financial and built capital)** – buildings, infrastructure, business operations, manufactured goods, information resources, credit and debt
3. **Social (human and social capital)** – the connectedness among people in the community, which takes into account the education, skills, talents and health of the citizenry



The three PILLARS (Environmental, Economic and Social) form the strategic platform for all goals and objectives of the Sustainability Plan.

City policies and programs that consider all 3 pillars will drive outcomes toward the center of the circle, creating Sustainable Development.

# THREE PILLARS

ENVIRONMENTAL, ECONOMIC, SOCIAL



SUSTAINABILITY STRATEGIES (9)

AREAS OF FOCUS

GOALS & OBJECTIVES (MULTIPLE PER AREA OF FOCUS)

INDICATORS (PROGRESS AGAINST GOALS/OBJ.)

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# THE SUSTAINABILITY FRAMEWORK



## Foundational Pillar(s)      Sustainability Strategies

Environmental/ Economic	1. Natural Resource Conservation
Environmental/Social	2. Greenspace Preservation and Restoration
Economic	3. Sustainable Local Economy
Economic/ Social	4. Smart Growth
Social	5. Demographic Diversity
Economic/Social	6. Health & Safety
Social	7. Encourage Civic Engagement
Social / Economic	8. Promote Arts & Culture
Social/ Environmental	9. Sustainability Education

# Sustainability Strategies Areas of Focus

1. Natural Resource Conservation	Reduce, Reuse, Recycle; Stormwater Management; Green Certifications
2. Greenspace Preservation & Restoration	Public Access to Greenspace; Water Quality and Habitat Restoration; Trees
3. Sustainable Local Economy	Health of Local Businesses; Budgets, Capital Improvements & City Services; Financing Sustainability Projects
4. Smart Growth	Non-motorized transportation; Traffic & Parking; Preserving Neighborhood Character; Meaningful Public Spaces, Construction Site Safety
5. Demographic Diversity	Balanced age demographics
6. Health & Safety	Enhanced, physical well-being
7. Encourage Civic Engagement	Involvement of Northville residents
8. Promote Arts & Culture	Preservation/growth of existing assets
9. Sustainability Education	Increased awareness of Sustainability behavior & tools; Student involvement

# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for 1 of 19 Areas of Focus



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Natural Resource Conservation (E1/E2)	Reduce, Reuse and Recycle	<ul style="list-style-type: none"><li>• Switch selected appliances/ vehicles/ lighting to more energy efficient models.</li><li>• Incorporate energy saving opportunities into facilities owned and operated by the city.</li><li>• Provide EV infrastructure to support growing number of electric vehicles</li><li>• Reduce water loss in City's watermain infrastructure.</li><li>• Continuously increase the use of sustainable, recycled and recyclable materials.</li><li>• Determine new methods to help local businesses decrease waste production.</li></ul>	<ul style="list-style-type: none"><li>• Energy Usage</li><li>• Fuel Usage</li><li>• % Water loss</li><li>• Solid Waste Volume</li></ul>

# Annual Goals & Objectives FY 20/21 DRAFT\* (1 of 10)



NATURAL RESOURCE CONSERVATION	Responsibility	Status
<b>Reduce/Reuse/Recycle</b>		
<ul style="list-style-type: none"> <li>Purchase new bio-diesel street sweeper.</li> </ul>	DPW and City Mgr.	
<ul style="list-style-type: none"> <li>Incorporate energy saving opportunities into fire station and city hall renovation improvements designs</li> </ul>	City Mgr., C. Council	
<ul style="list-style-type: none"> <li>Install new streetlights (100) with improved lighting efficiency</li> </ul>	DDA	
<ul style="list-style-type: none"> <li>LED Replacement Light Project (DPW)</li> </ul>	DPW	
<ul style="list-style-type: none"> <li>Replace festoon lights in town square</li> </ul>	DDA	
<ul style="list-style-type: none"> <li>Reduce water loss in City's watermain infrastructure by replacing meters and continuing leak investigation efforts.</li> </ul>	DPW	
<ul style="list-style-type: none"> <li>Increase cardboard box recycling at City Hall.</li> </ul>	All Departments	
<ul style="list-style-type: none"> <li>Investigate opportunities to increase cardboard recycling for downtown businesses</li> </ul>	DPW	

\*Note: Work in progress.

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# Current Sustainability Projects

Defined as projects already in this year's budget and/or low-effort opportunities to achieve results. Examples:

- a. Fish Hatchery Project (\$800K+)
- b. New bio-diesel street sweeper
- c. Silver Certification Challenge (MGCC)
- d. New Street Lighting with improved efficiency (DDA)
- e. Rollover Account for energy savings
- f. Tree Planting DNR program
- g. FAR Approval at .36
- h. Conversion to LED Lighting project (DPW)
- i. Support of local businesses during Pandemic period

# Next Steps

- **Continue** to roll out the Sustainability presentation to City commissions, boards and departments.
- **Plan** the rollout to the Community:
  - Local organizations
  - Schools and other institutions
  - The Ville magazine and other media
- **Coordinate and Prioritize** annual Goals & Objectives with City Departments/Commissions
- **Research** the availability and means of obtaining public funding.

# *How to Contact Us*

The Sustainability Team Email:  
**[sustainability@ci.northville.mi.us](mailto:sustainability@ci.northville.mi.us)**

# Q & A

# APPENDIX

1. Smaller Michigan Cities: Sustainability Accomplishments
2. Guiding Principles – Expanded Detail
3. Sustainability Strategies – Defined
4. Sustainability Framework (5 pages)
5. Draft of Annual Goals & Objectives FY 20/21 (10 pages)
6. Team Bios

## Smaller Cities with Major Sustainability Efforts

- **Petoskey, MI (5,738)** : Upgrades to its wastewater treatment plant included reuse of methane gas created by digesters for boiler system and installation of high efficiency blower control valves, windows, and doors.
- **Ferndale, MI (19,900)**: Recently hired an environmental sustainability planner to implement sustainability efforts as established in their master land use plan. Efforts include urban tree canopy revitalization, streetlight retrofitting, and energy optimization.
- **St. Joseph City, MI (8,355)**: City master plan, which was completed in 2015, prioritizes incorporating non-motorized pathways into future city projects.
- **Northport Village, MI (525)**: The Village of Northport is developing a Renewable Energy Community Plan that will enable the village and township to attain their goal of becoming a 100 percent clean energy community. This collaborative brings together the University of Michigan's School of Natural Resources and Environment (SNRE) Master's Project Team with the Northport Energy Action Taskforce.

# Guiding Principles

## **1. Community awareness, participation and education are key elements of a sustainability movement.**

All community members, including individual citizens, community-based groups, businesses, schools, City vendors and other institutions should be aware of their impacts on the environmental, economic and social health of Northville. The City will therefore be a “communication leader” to support community awareness and education of environmental impacts and sustainable practices.

## **2. The concept of sustainability informs city policy for current and future generations.**

The City Sustainability Plan is intended to help guide City policy, achieving an optimal balance between the Plan’s proposed actions and existing City needs/resources. Similarly, the long-term impacts of local policy and actions may be considered to ensure a sustainable legacy for future generations.

# Guiding Principles

## **3. Protection, preservation, and restoration of the natural environment is a priority for the community.**

The City of Northville is committed to protecting, preserving, and restoring the natural environment. City decision-making will be guided by a vision to enhance environmental benefits and reduce or eliminate negative environmental impacts. The City will lead by example and encourage other community stakeholders to make a similar commitment to the environment.

## **4. Environmental quality, economic health and social fairness are mutually dependent.**

Sustainability requires that our collective decisions allow our economy and community members to thrive without harming the natural environment. A healthy environment is integral to the city's long-term economic and social interests. Concurrently, we must ensure that inequitable burdens are not placed on any geographic or socioeconomic sector and that the benefits of sustainability are accessible to all members of the community.

# Guiding Principles

## **5. The decisions of City government have implications to the long-term sustainability of Northville.**

As a means of creating long-term benefits, the goal-setting and decision-making processes of city government ideally reflect Sustainability objectives. The City will lead by example and encourage other community stakeholders to use sustainability principles to guide their decisions and actions.

## **6. Sustainability issues important to the community will be addressed as a priority.**

The financial and human resources which are available to City of Northville are limited. The City and the community reevaluate its budgeted priorities and programs annually (Goals & Objectives Meeting) to ensure the best possible investments are being made. The evaluation of a program's cost-effectiveness will be based on an analysis of the associated cost/benefits, including environmental, health and social impacts.

# Guiding Principles

## **7. The city is aware that procurement decisions may have environmental and social impacts.**

The procurement of products and services by the City, Northville residents, businesses and institutions results in environmental, social and economic impacts, both here and abroad. The City will develop and deploy an environmentally and socially responsible procurement policy that emphasizes long-term values. The City will advocate for and assist local businesses and residents in adopting sustainable purchasing practices.

## **8. Fostering cross-community partnerships is encouraged to achieve sustainable goals.**

Partnerships with businesses, surrounding local governments, local/state and federal funding organizations, as well as other regional partners are necessary to achieve long term improvements in sustainability.

# Sustainability Strategies (defined)

- 1. Natural Resource Conservation** – Society’s management & use of natural resources, which are finite and capable of being destroyed without sustainable use. Examples include preservation of clean air and water, reductions in solid waste, and solution-based topics such as stormwater management and renewable energy.
- 2. Greenspace Preservation and Restoration** – The preservation and/or enhancement of green space as well as waterways within our greenspace. It includes not only parks, but also natural areas and vegetative cover. Fisheries and wildlife habitat fall under this umbrella as does the beneficial use of these spaces by residents and visitors.
- 3. Sustainable Local Economy** – Ensuring a healthy, downtown core of businesses and strategic management of city services and central infrastructure such as roads and parking facilities.
- 4. Smart Growth** – Overseeing the growth of the city and infill development using a balanced approach which grows the tax base, while preserving the character and charm of the city, creating a strong sense of place. This strategy includes striking a balance between vehicles, pedestrians and cyclists.

# Sustainability Strategies (defined)

5. **Demographic Diversity** – Providing a range of high quality, affordable housing choices to meet the current and future needs of a demographically diverse community.
6. **Health and Safety** – Minimize risk to public health and property from man-made and natural hazards. Also includes the Farmers Market, which not only provides access to healthy produce but also has the potential to be a place to host education classes on health, environmental care, and other relevant lifestyle topics.
7. **Encourage Civic Engagement** – Ensure our community is strongly connected through opportunities for engagement and stewardship of civic activities within the Northville area, developing the combination of knowledge, skills, values and motivation that cultivate positive change for our City.
8. **Promote Arts and Culture** – Preserving and improving the quality of life by providing a diverse choice of artistic and entertainment experiences which also provide economic benefit to the community.
9. **Sustainability Education** – Increasing knowledge and capability for sustainability within the community, including city departments, our local residents, and importantly, the children and students who will form our future generations.

# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for Areas of Focus (Page 1 of 5)



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Natural Resource Conservation (E1/E2)	Reduce, Reuse, Recycle	<ul style="list-style-type: none"> <li>Switch selected appliances/vehicles/lighting to more energy efficient models.</li> <li>Incorporate energy saving opportunities into facilities owned and operated by city.</li> <li>Provide EV infrastructure to support growing number of electric vehicles</li> <li>Reduce water loss in City's watermain infrastructure</li> <li>Continuously increase the use of sustainable, recycled and recyclable materials</li> <li>Determine new methods to help local businesses decrease waste production (DDA)</li> </ul>	<ul style="list-style-type: none"> <li>Energy Usage</li> <li>Fuel Usage</li> <li>Solid Waste Volume</li> </ul>
Natural Resource Conservation (E1/E2)	Sustainable Stormwater Management	<ul style="list-style-type: none"> <li>Increase ratios of permeable versus impervious surfaces.</li> <li>Increase use of green infrastructure for public and private developments.</li> <li>Amend city ordinances to support area of focus</li> <li>Increase awareness/ capability to obtain public funding for green infrastructure projects.</li> <li>Reduce discharge of Stormwater to waterways</li> </ul>	<ul style="list-style-type: none"> <li>Upward trend</li> <li>Pilot projects implemented and evaluated for expanded use</li> <li>New ordinance by xx date</li> <li>Amt. grant funds awarded</li> </ul>
Natural Resource Conservation (E1/E2)	Green Certifications and Credentials	<ul style="list-style-type: none"> <li>Participate in Michigan Green Communities Challenge</li> <li>Investigate means to encourage/Incentivize greener home building (consider LEED/other).</li> <li>Incorporate "net zero" home building educational materials into City website.</li> </ul>	<ul style="list-style-type: none"> <li>Bronze, Silver, Gold certification levels</li> <li>% of buildings achieving certification qualifying comprehensive green building programs</li> </ul>

# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for Areas of Focus (Page 2 of 5)



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Greenspace Preservation and Restoration (E1/S)	Public Access to Greenspace and Waterways	<ul style="list-style-type: none"> <li>Plan for and implement a trail network system spanning between the Mill Race Village and the Northville Downs properties in order to increase passive and active recreational opportunities and to improve water quality and habitat.</li> <li>Implement strategies for increased use of Ford Field</li> </ul>	<ul style="list-style-type: none"> <li>Public engagement.</li> <li>Concept Plan complete.</li> <li>Funding identified.</li> <li>Progress towards completing identified phases.</li> </ul>
Greenspace Preservation and Restoration (E1/S)	Water Quality and Habitat Restoration	<ul style="list-style-type: none"> <li>Complete habitat restoration of the Johnson Creek/pond in Fish Hatchery Park (\$900K+)</li> <li>Daylight and restore the Walled Lake Branch located beneath the Northville Downs property.</li> <li>Implement water quality improvements for Johnson Creek on Downs property.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in Beneficial Use Impairments.</li> <li>Reduction in sediment load.</li> <li>Pond depth increased</li> <li>Quality of fish channel passage</li> <li>Implementation of bioswale</li> <li># of native species planted</li> </ul>
Greenspace Preservation and Restoration (E1/S)	Trees	<ul style="list-style-type: none"> <li>Implement a labeling and mapping project to promote Northville's great diversity of trees</li> <li>Identify and implement tree planting opportunities using private and public monies.</li> </ul>	<ul style="list-style-type: none"> <li># of trees identified.</li> <li># of trees planted.</li> </ul>
Sustainable Local Economy (E2)	Overall Health of Local Businesses	<ul style="list-style-type: none"> <li>Identify and support DDA projects in process and/or proposed that support a strong economy.</li> <li>Implement programmed events to attract restaurant and retail customers.</li> <li>Coordinate intervention initiatives during economic hardship periods (e.g. 2008, Covid-19)</li> </ul>	<ul style="list-style-type: none"> <li>DDA revenue and expenses</li> <li>Economic benefit to merchants during events</li> <li>DDA goals and objectives.</li> <li>Number of non-planned closures (downward trend).</li> </ul>
Sustainable Local Economy (E2)	Budgets, Capital Improvements and City Services	<ul style="list-style-type: none"> <li>Maintain roads at fair to excellent conditions through pavement preservation investments.</li> <li>Implement 20-year Maintenance Plan for parking decks and surface lots</li> <li>Achieve 100% pension &amp; retiree health care funding by 2030 or earlier.</li> <li>Strive to internally fund capital improvement costs.</li> <li>Ensure that all incremental costs for the Downs project are identified and appropriately allocated.</li> </ul>	<ul style="list-style-type: none"> <li>Cost avoidance of road reconstruction costs</li> <li>Various funding sources identified</li> <li>% level of funding</li> <li>Bond cost avoidance</li> <li>Cost/benefit analysis of proposed developments</li> </ul>

# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for Areas of Focus (Page 3 of 5)



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Sustainable Local Economy (E1/E2)	Financing Infrastructure and Sustainability Projects	<ul style="list-style-type: none"> <li>Implement rollover account which channels money from energy savings into sustainability investment fund for new projects.</li> <li>Incorporate proposed sustainability projects into city budget on annual basis.</li> <li>Increase awareness/capability for public funding of sustainability initiatives.</li> </ul>	<ul style="list-style-type: none"> <li>Dollar amount accumulated over time.</li> <li>Sustainability line items in budget</li> <li>Amount of grants awarded</li> <li>Strategic partnerships activated (MEDC, Michigan Municipal League, ARC, EGLE, SEMCOG, etc.)</li> </ul>
Smart Growth (E2/S)	Meaningful Public Spaces that Contribute to the Social Well Being of the Community	<ul style="list-style-type: none"> <li>Identify placemaking concepts in Master Plan.</li> <li>Ensure that Downs site plan is evaluated for public space benefits.</li> <li>Activate strategic partnerships with Michigan Municipal League</li> <li>Adaptive buildings as use changes over time</li> </ul>	<ul style="list-style-type: none"> <li>Language implemented</li> <li>Degree of correlation with feedback received by public.</li> <li>Exchange of knowledge and expertise.</li> <li>Adaptive reuse scoring</li> </ul>
Smart Growth (E2/S)	Preservation and Enhancement of Neighborhood and Downtown Character	<ul style="list-style-type: none"> <li>Ensure compatibility of designs and massing of residential, commercial and mixed-use structures</li> <li>Enhance language for defining vibrancy and walkability (for use in Planning Commission work and other development review efforts)</li> <li>Improve processes for communicating and assessing compatibility.</li> </ul>	<ul style="list-style-type: none"> <li>Floor Area Ratio (FAR)</li> <li>Changes to Master Plan language to guide new development</li> <li>Walkability score (once developed)</li> </ul>
Smart Growth (E2/S)	Traffic and Parking	<ul style="list-style-type: none"> <li>Pursue solutions to mitigate negative impact of surrounding communities' traffic on Northville.</li> <li>Evaluate Downs site plan for effectiveness in dispersing traffic across multiple diverse routes.</li> <li>Identify future pedestrian safety concerns and solutions within Downs redevelopment project.</li> <li>Implement best practices for parking to achieve sustainability (water quality) and walkability goals.</li> </ul>	<ul style="list-style-type: none"> <li>Regional traffic options identified.</li> <li>Traffic calming infrastructure</li> <li>Recommended modifications by 2021</li> </ul>

# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for Areas of Focus (Page 4 of 5)



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Smart Growth (E2/S)	Non-motorized Transportation	<ul style="list-style-type: none"> <li>▪ Increase use of non-motorized transportation by investing in dedicated paths and by prioritizing cyclists and pedestrians.</li> <li>▪ Increase racks to accommodate more bike parking, including Ebikes</li> <li>▪ Pursue public funding for non-motorized infrastructure during road reconstruction planning process.</li> </ul>	<ul style="list-style-type: none"> <li>▪ New paths</li> <li>▪ Fragmentation of existing paths: downward trend</li> <li>▪ Walkability Score upward trend</li> <li>▪ No. bicycle parking facilities</li> <li>▪ Amount of grant monies awarded.</li> </ul>
Smart Growth (E2/S)	Impact of Construction on Residents and Workers	<ul style="list-style-type: none"> <li>▪ Analyze sound and noise levels allowed for new construction.</li> <li>▪ Conduct audit of safety ordinances and improve as necessary</li> <li>▪ Evaluate capacity to enforce construction and safety ordinances in anticipation of a significant increase in new construction.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Compliance reports</li> <li>▪ Reported injuries</li> <li>▪ Nuisance complaints</li> <li>▪ No. of noise citations</li> <li>▪ FTE levels of building inspection staff</li> </ul>
Demographic Diversity (S)	Balanced Age Demographics (also Senior Citizen Accommodation)	<ul style="list-style-type: none"> <li>▪ Actively promote the development of housing which is affordable and desirable for young families.</li> <li>▪ Continued active support of Allen Terrace.</li> <li>▪ Implement a range of destinations that are close to home and easily accessible by foot or bicycle.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Total average age of residents: downward trend</li> <li>▪ Housing affordability metrics</li> <li>▪ Kid-friendly metrics, e.g. Popsicle test</li> <li>▪ Opinion polls regarding desirability/livability of City</li> </ul>

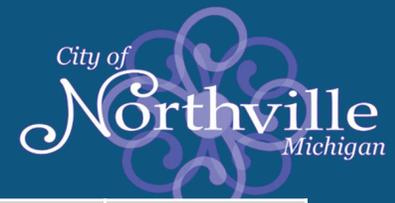
# SUSTAINABILITY FRAMEWORK

Table showing long term goals & objectives for Areas of Focus (Page 5 of 5)



Sustainability Strategies	Areas of Focus	Long Term Goals/ Objectives	Indicators
Health and Safety (E2/S)	Enhanced, Physical Well Being	<ul style="list-style-type: none"> <li>Plan and implement alternative location and amenities for displaced Farmers' Market.</li> <li>Maintain and/or lower crime statistics as the city grows across multiple categories of housing.</li> <li>Improve safety for pedestrians and cyclists by increasing the inventory of dedicated paths and ensuring paths are maintained and usable.</li> <li>Reduce pesticide and herbicide usage in Northville.</li> </ul>	<ul style="list-style-type: none"> <li>Farmers Market Master Plan</li> <li>Crime statistics</li> </ul>
Encourage Civic Engagement (S)	Involvement of Residents	<ul style="list-style-type: none"> <li>Upward trend in attendance at public meetings, educational and volunteer sessions.</li> <li>Significant participation in virtual seminars.</li> </ul>	<ul style="list-style-type: none"> <li>Participation metrics.</li> <li>Correlation between input and plans and projects.</li> </ul>
Promote Arts and Culture (E2/S)	Preservation of Existing Assets and Growth of New Assets	<ul style="list-style-type: none"> <li>Plan for continued municipal support of the Marquis Theater, Genitti's, and the Tipping Point Theater (all private businesses) and Mill Race Village (City-owned property).</li> <li>Continued support of existing and future events, such as the Music on Main, Northville Unplugged, and Skelton's Alive etc.</li> <li>Foster the growth of creative and mixed-use development on the east side of Cady Town.</li> </ul>	<ul style="list-style-type: none"> <li>Identification of long-term goals and barriers to preservation.</li> <li>Proposed developments</li> </ul>
Sustainability Education (S)	Awareness of Sustainability Behavior and Tools	<ul style="list-style-type: none"> <li>Utilize various media to promote sustainability mission, projects, goals and objectives.</li> <li>Work with Northville Schools to promote sustainability education.</li> </ul>	<ul style="list-style-type: none"> <li>Volume and quality of media coverage</li> <li>Green Education opportunities identified</li> </ul>

# Annual Goals & Objectives FY 20/21\* (1 of 10)



NATURAL RESOURCE CONSERVATION	Responsibility	Status
<b>Reduce/Reuse/Recycle</b>		
Purchase new bio-diesel street sweeper	DPW and City Mgr.	
Incorporate energy saving opportunities into fire station and city hall renovation improvements designs	City Mgr., C. Council	
Install new streetlights (100) with improved lighting efficiency	DDA	
Conversion to LED lighting project	DPW	
Replace festoon lights in town square	DDA	
Reduce water loss in City's watermain infrastructure	DPW	
Increase cardboard box recycling at City Hall	All Departments	
Investigate opportunities to increase cardboard recycling for downtown businesses	DPW	

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\*Note: Work in progress.

# Annual Goals & Objectives FY 20/21 DRAFT (2 of 10)



NATURAL RESOURCE CONSERVATION	Responsibility	Status
<b>Sustainable Stormwater Management</b>		
Apply for TAP public funding for 2022/2023 planned road improvements to incorporate green infrastructure	DPW, OHM and possibly ARC	
Establish baseline measurements of impervious surfaces in the City	Sustainability Team, DPW	
Conduct LID (Low Impact Design) stormwater management ordinance audit	Sustainability Team & Consultant	
Incorporate low impact development (LID) language into Master Plan subareas	Planning Comm. & Sust. Team	
Increase awareness/ capability of public funding for green infrastructure projects	Sustainability Team, ARC, SEMCOG, DPW	
<b>Green Certifications and Credentials</b>		
Achieve Michigan Green Communities Silver status	DPW	



GREENSPACE PRESERVATION AND RESTORATION	Responsibility	Status
<b>Public Access to Greenspace and Waterways</b>		
Sponsor formation of Middle Rouge River Restoration Task Force.	Mayor and City Council	
Initiate the development of a Middle Rouge River Restoration (MRRR) plan	MRRR Task Force	
Partner with ARC and Friends of Rouge to complete assessment of grant funding opportunities for MRRR Plan	MRRR Task Force, ARC, FotR, possibly Parks & Rec	

# Annual Goals & Objectives FY 20/21 DRAFT (4 of 10)



GREENSPACE PRESERVATION AND RESTORATION	Responsibility	Status
<b>Water Quality and Habitat Restoration</b>		
Partial completion of Fish Hatchery Park project	Northville Parks & Rec. and ARC	
Complete invasive species inventory for city properties in MRRR area. Possibly implement Phase I removal. Funding dependent	Sustainability Team, Riverwalk Task Force, FotR-(TBD)	
<b>Trees</b>		
Complete tree labeling pilot project	T. Barry, DPW (advisory)	
Pursue grant funding to support Tree Inventory Assessment in 2021	DPW, Contractor	
100% completion of tree planting program for fall of 2020	DPW	

# Annual Goals & Objectives FY 20/21 DRAFT (5 of 10)



<b>SUSTAINABLE LOCAL ECONOMY</b>	<b>Responsibility</b>	<b>Status</b>
<b>Overall Health of Local businesses</b>		
Increase outdoor seating capacity for restaurants and establish social district to increase patronage of local businesses during COVID 19 restriction period	DDA, City Departments and Commissions	
<b>Budgets, Capital Improvements and City Services</b>		
Increase percentage of pension and retiree health care funding. OPEB (other post employment benefits) funding at 90%. <i>Additional \$200,000 targeted for FY 20/21 ??</i>	City Council, City Manager, Finance Dept.	
Implement 20-year Maintenance Plan for parking decks and surface lots	City Manager, DPW, DDA	
Maintain roads at fair to excellent conditions through pavement preservation investments.	DPW	
Strive to internally fund capital improvement costs.	City Manager, DPW, DDA, City Council	
Develop comprehensive cost/benefit reporting structure for complex projects e.g. The Downs (originated by CfN)	Planning Commission, OHM, Carlisle Wortman, Sustainability Team, CfN	



SMART GROWTH	Responsibility	Status
<b>Preserve and Enhance Neighborhood and Downtown Character</b>		
Implement Floor Area Ratio changes for city ordinances	Planning Comm. CW, City Council	
Ensure compatibility of designs and massing of residential, commercial and mixed-use structures	Planning Comm. Historic Dist. Comm.	
Enhance Master Plan update language for vibrancy and walkability	Planning Commission	
Improve processes for communicating and assessing compatibility	Planning Comm. Historic Dist. Comm.	
<b>Reduce Negative Impacts of Construction on Residents &amp; Workers</b>		
Analyze sound and noise levels allowed for new construction	Building Department	
Conduct audit of safety ordinances and improve as necessary	Building Department	
Evaluate capacity to enforce construction and safety ordinances in anticipation of a significant increase in new construction	Building Department	

# Annual Goals & Objectives FY 20/21 DRAFT (7 of 10)



SMART GROWTH	Responsibility	Status
<b>Traffic and Parking Lots</b>		
Pursue solutions to mitigate negative impact of surrounding communities' traffic on Northville	Task Force?	
Evaluate Downs site plan for effectiveness in dispersing traffic across multiple diverse routes	DPW, OHM, Planning Commission	
Identify future pedestrian safety concerns and solutions within Downs redevelopment project	DPW, OHM, Planning Commission	
Implement best practices for parking to achieve sustainability (water quality) and walkability goals	DPW, OHM, Planning Commission	

# Annual Goals & Objectives FY 20/21 DRAFT (8 of 10)



SMART GROWTH	Responsibility	Status
<b>Non-Motorized Transportation</b>		
Revise master plan subarea update language to ensure adequate provision of pedestrian and bike path infrastructure	Planning Commission	
Increase use of non-motorized transportation by investing in dedicated paths and by prioritizing cyclists and pedestrians	DPW, OHM, Planning Commission	
Review bike rack locations identified in City's non-motorized plan and update as needed	DPW, OHM, Planning Commission	
Pursue public funding for non-motorized infrastructure during road reconstruction planning process	DPW, OHM	



DEMOGRAPHIC DIVERSITY	Responsibility	Status
<b>Balanced Age Demographics (also Senior Accommodation)</b>		
Achieve maximum participation in US 2020 census	Mayor	
Advocate for affordable housing for young families and seniors in new development proposals	Planning Commission, City Council	
<b>HEALTH AND SAFETY</b>		
<b>Enhanced Physical Well Being</b>		
Sponsor formation of Farmers Market Task Force	Mayor and City Council	
Ensure Social District compliance with applicable COVID-19 regulations	DDA, City Departments, Business Owners, Residents, Visitors	



ENCOURAGE CIVIC ENGAGEMENT	Responsibility	Status
<b>Public Participation</b>		
Maximize public participation for Master Plan Subarea Update	Planning Commission	
Maximize public participation for Planning Seminars, Surveys and Virtual Open Houses	Planning Commission	
<b>PROMOTE ARTS AND CULTURE</b>		
<b>Preservation of Existing Assets and Growth of New Assets</b>		
Review normally-planned, outdoor events to determine feasibility during pandemic	DDA, City Council	

# Team Bios



**Patrick Giesa** – Technical Degree, EDP (accounting minor), North Idaho College. Currently serves on Northville City Council, Board Commissions Selection Committee, Board of Zoning Appeals, Liquor License Review Committee, Northville City Sustainability Team and Northville Senior Advisory Council. He also serves on the board of directors - Northville Rotary Foundation and was club president in 2016.

**Kathy Spillane** – BSCE, MBA UofM. More than 20 years professional experience in the fields of Construction, Real Estate Development, Environmental, Strategic Planning and IT primarily with Daimler/Chrysler.

**Dave Gutman** – MBA Indiana Univ. Thirty-one years Ford Motor Co., extensive overseas work in new Dealership design and construction, held several U.S. product & marketing positions. Currently building new home targeting net-zero energy use (and avid cyclist).

**Thom Barry** – BSME MSU, Professional engineer, entrepreneur, Member of Sierra Club, Trout Unlimited, Northville Planning Commission Member.

# Team Bios



**Susan Haifleigh** – B.S. Architecture/ B.A. Architecture, Lawrence Technological University (Southfield, MI); Graduate Certificate Architecture Intermundium, Como Italy. Principal/Founder of DiaMonte Design LLC, specializing in commercial and residential design services. Instructor of Design Studio and History of Architecture at Eastern Michigan University. Previously Director of Sustainability Solutions for VFA, Inc., Boston MA, launching their Green Consulting advisory business for multi-national, education, healthcare, and State/Federal government facilities.

**AnnaMaryLee Vollick** – B.S. Environmental Science Wayne State University. Eleven years with U.S. Fish and Wildlife Service at the Detroit River International Wildlife Refuge. Currently working for U.S. Army Corps of Engineers in Detroit

**Loyd Cureton** – Public Works Director for the City of Northville's, has over 25 years local government experience, during his career has worked as a voting representative for the Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and the Southeastern Oakland County Resource Recovery Authority (SOCRRA), managed wetland mitigation projects as well as urban tree canopies.

# Team Bios



**Brian Turnbull** – Mayor of the City of Northville, Historian & Lecturer for Northville Historical Society, Member & Leader of the First United Methodist Church, President of Old Timers Historic Group and long-time involvement in local Boy Scouts organization; has held Executive positions at Ford Motor Company & Ford Credit, Urban Science and tech data company NiTS Solutions. Has worked on over 100 community development projects, incorporating greenspace growth within commercial & retail properties.

**Lori Ward** – Holds a Bachelor of Arts in Urban and Regional Planning and also a Masters of Arts in Historic Preservation Planning; has over 35 years of experience in economic development and community planning, specializing in the area of downtown development and the redevelopment of urban areas. She currently serves as the Director of the Northville Downtown Development Authority, a position she has held since 1999. Prior to working with the Northville DDA, Lori provided consulting services to communities in the areas of historic preservation, urban design, and downtown redevelopment in Michigan and Washington, DC.